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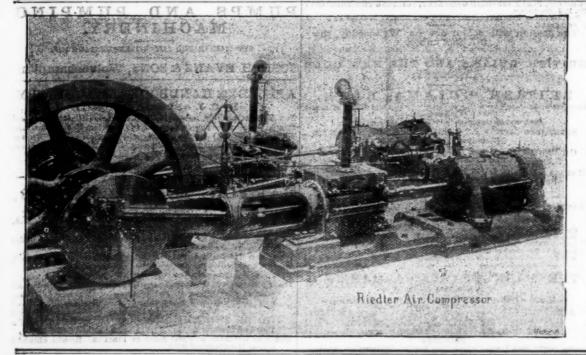
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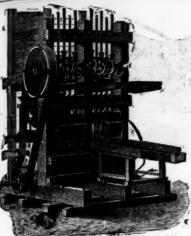
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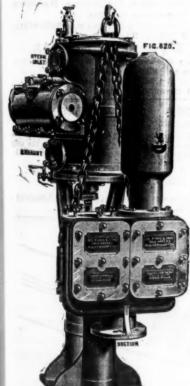
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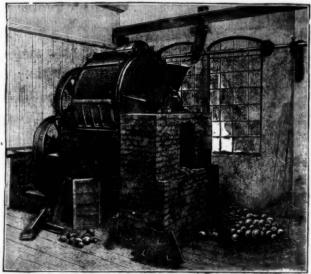
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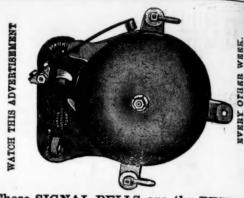
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The Cornish Post and Mining News Co. (Limited)
East Charles Street, Camborne, Cornwall.

ALUMINIUM

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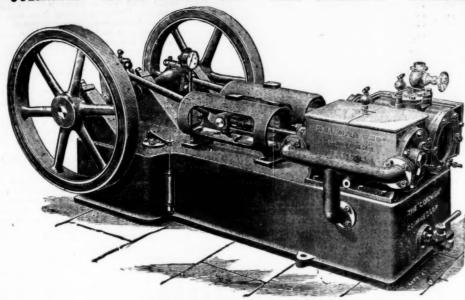
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# Bros., Camborne,

Patentees and Sole Makers of "THE CORNISH" ROCK DRILL and "THE CORNISH" COMPRESSOR



RECORD OF WORK DONE

At Botallack Mine, St. Just, Cornwall, TWELVE MEN with TWO new Patent CORNISH ROCK DRILLS drove, sunk, and rose 288 FATHOMS in 12 MONTHS, equal to five times the Speed of Hand Labour At Wheal Grenville Mine, Camborne, Cornwall, SIX MEN with TWO new Patent CORNISH ROCK DRILLS started from the 150 FATHOMS level and put up in EIGHT MONTHS a 11 FEET by 5 FEET PERPENDICULAR RISE 46 FATHOMS 5 FEET 6 INCHES, and about midway drove 1 FATHOM 5 FT. No communication of any kind was effected until holing to the Shaft brought down from surface.

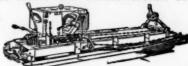
Estimates for ROCK BORING PLANT and GENERAL MINING MACHINERY on Application.

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ELECTRIC LIGHT AND TRANSMISSION OF POWER.



Jeffrey Machines for Undercutting Coal, WORKED EITHER BY COMPRESSED AIR OR RECTRICITY

OVER 600 IN DAILY USE



ELECTRIC BLASTING APPARATUS HIGH OR LOW TENSION EXPLODERS CABLES, FUSES.

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MINING AND SURVEYING INSTRUMENTS, THEODOLITES, HEDLEY DIALS, LEVELS, CLINOMETERS.

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ALL PARTS INTERCHANGEABLE.

CATALOGUES UPON APPLICATION.

SEC. A. MATHEMATICAL & MINING INSTRUMENTS, MINERS' LAMPS, &c SEC. B. ELECTRICAL PLANT AND STORES.

### WATER-POWER.

TURBINES OF ALL EFFICIENT TYPES.

Hett's Patent Pelton Wheels. CHAS. LOUIS HETT,

HYDRAULIC ENGINEER,

BRIGG, ENGLAND

WARDS: CRYSTAL PALACE, 1890; TASMANIA, 1891; KIMBERLEY, 1892.

Ore Reduction Co. (Limited). Clarkson-Stanfield

In the CLARKSON-STANFIELD process of Concentrating Refractory and Complex Ores no water is required; dust is reduced to a minimum; the loss of Mineral through water-borne Slimes is obviated.

OUTPUT TO 2 TONS PER HOUR, ACCORDING TO SIZE OF MACHINE.

CONCENTRATOR TO BE SEEN IN OPERATION AT THE COMPANY'S ONLY ADDRESS,

6, COLONIAL AVENUE, MINORIES, LONDON, E.

The Machine is superior to Sieves for Sizing Homogeneous Substances, such as Emery, Sand, and Powders, and may be used to great advantage in the preparation of Ochre.

N.B.—The owners of the Carndochan Mine, near Bala, North Wales, will, by arrangement, show their CLARKSON-STANFIELD plant working on a Refractory Low Grade Gold Ore.

### NEW PATENTS.

LIST of APPLICATIONS for New Patents relating to Mining Metallurgical, Engineering, Hailway and kindred matters, specially compiled from official sources for the "Mining Journal" by Messrs. Rayner and Company, Patent Agenta, Chancery Lane, London, W.C., who will forward all information regarding them free on application.

- John William Hunter, 45, Southampton Buildings, Chancery Lane,
  London Improvements in rotary engines. August 24.

  1867 George William Hurt, 11, Hatton Garden, Lundon.-improvements in or relating to gas motor engines. August 25.

  1871 James Henderson, 70, Chancery Lane, London. Improvements in or relating to the furnaces of steam boliers. August 25.

  1882 London. Improvements in steam engines. August 25.

  1883 John Heary Holman and James Miners Holman, 4, South Streef, Finsbury, London. Improvements in rock drills. August 25.

  1883 John Heary Holman and James Miners Holman, 4, South Streef, Finsbury, London, Improvements in rock drills. August 25.

  1883 John Heary Holman and James Miners Holman, 4, South Streef, Finsbury, London, Improvements in and connected with the stoking of transors. August 27.

  1884 James McGowan, and Goolden (Limited) and Jorgen Bjornstax, 47, Liceoin's Inn Fields, London. Improvements in steam holiers. August 27.

  1885 John Helds, London. Improvements in steam holiers. August 27.

  1886 Holman John T. Smith, 45, Southampton Buildings, Chancer: Lane, London, — Improvements in steam and other fluid cressure engines. —August 23, Wilhelm Otto Axel Lowe, 6, Lord Street, Liverpool, —Improvements in er appretaining to boiler furnaces, and other furnaces or flues. — August 29,

AN INTERESTING CATALOGUE.—We have received a copy of As interesting Catalogue.—We have received a copy of section A Catalogue, issued by Mesers. John Davis and Son, of All Saint's Works, Derby, which we find interesting, and more comprehensive and detailed than previous editions. This firm is gradually finding out the valuable properties of aluminium, and it is to be noticed that their experiments have proved it to be invaluable for surreying instruments. Among the minor improvements is instruments, celuloid faces for anemometer and other dials have been substituted for silvered metal, and the needles and inner faces of the sights of minera' dials have been treated with a dead black which facilitates the task of reading under ground. The catalogue likewise includes representations of several designs of minera' safety lamps, likewise many inventions and improvements in apparatus lamps, likewise many inventions and improvements in apparatus and appliances for the safe working of mines. A new and important feature is that the principal instruments and apparatus have attached to them in the catalogue a cable code for the convenience of the family fereign connection,

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# JOINT-STOCK COMPANIES.

NEW REGISTRATIONS.

THE following are among the joint-stock companies registered at Somerset House since our last notice:—

At Somerset House since our last notice:

First Find Consolidated Gold Mines (Bulla Bulling), Limitod—
Registered September 1 by Parker, Garrett and Homan St Michael's R court,
Cornbill, E.C. Capital £100,000 in 10s, shares. Objects: To adopt and carry
into effect an agreement expressed to be made between the Bouth Londonderry
Gold and Exploration (Limited) of the first part, and this company of the
other part, for the sequisition by purchase or otherwise of the business and
undertaking of the esid company, and to acquire any other mines, mining
water and other rightle, grants, lease: claims, concessions, options of nurchase,
&c., in West Australia. Registered office, 11, Queen Victoria-street, E.C.
Manchester Tubo grants, lease: claims, concessions, options of nurchase,
&c., in West Australia. Registered office, 11, Queen Victoria-street, E.C.
Manchester Tubo, Promonger-lane, & O. Capital £120,702 in £1 shares.
Objects: To carry on in all or any of their respective branches, the businesses
of steel nut and tube makers, as now and hitheric carried on at Open haw, in
the county of Lanca, under the style or firm of the Manchester Steel Nut
and Tabe O mpany, also as hydraulic and marine engineers, steel and shafting
manufacturers, bridge builders, implement makers, locomotive and wagon
builders, tool makers, boller makers, iron, copper and brass founders, smelters
and workers; as colliery proprietors, brick and tile makers, milwrights,
blacksmiths, steel converters, steel rollers, iron and steel plate manufacturers,
iron and steel cable manufacturers, shipbuilders, consulting engineers, and to
construct and maintain rail and tram roads, &c. Registered office, fligh Bank
Beel Works, Openshaw, Lanca.

Anglo-Porosign Exploitation Syndioate (Limited).—Registered

biacksmiths, steel conversors, even, shipbuilders, consulting engineers, and so construct and maintain rail and tram roads, &c. Registered office, Righ Bank Steel Works, Openshaw, Lancs.

Anglo-Foreign Exploitation Syndioate (Limited).—Registered august 21 by Deacon, Gibson, Meicail and Goddard, 9, Great St. Hoin's, E.f. Capital £50,200, in £1 shares, of which 2 0 are deferred.

General Works Construction Company (Limit d).—Registered September 1 by Jacques and Co., Elly Piaco, E.O. Capital £20,000, in £10 shares, To construct, erect, carry out, equip, sequing, cown, maintain, work, develop, and administer either in the United Kingdom or elsewhere public works and conveniences of all hinds, including railways, transmays, coads, tunnels, harbours, docks, ablpways, ablipping places, pier, jetties, wharves, statith, quays, canals, reservoirs, embankments, irrigation reclamation, improvement, sewage, drainage, sanitary, water, gas, electric lighting, and all other works of conveniences of ablo utilities, and all other works of conveniences of ablo utilities, and rarkers, public buildings, and all other works of conveniences of ablo utilities, and Parker, J. Olement's Lane, E.O. Capital £150,000, in £1 shares. To acquire and prover supply works, house, offices, hotels was been allowed to consala minerals or precious stoments and the constant minerals of precious stoments and the constant minerals or precious atoments. E.O. Capital £150,000, in £1 shares. To acquire any miners the fit therein, and also any freehold, beasehold, and other farms, and approaches the first Dominions Exploration (Limited).—Registered September 3 by Tarker and Parker, 13, Chement's Lane, E.O. Capital £150,000, in £1 shares. To acquire any mines, mining rights, claims, protected areas, ores, minerals, tallings, concentrates, alluvial deposits, foreste, water rights or grants, lands, here the supplies of

nercataments, assements, or premises in any part of the British possessions or elsewhere.

I indeay's Find Propristary (Limited).—Registered September 3 by Asturet, Morris, Orisp and Co., 17, Throgmorton Avenue, E.C., with a capital of £10,000 in £1 shares, to acquire gold and other mines, mining rights, &c., in West Australia.

Farrer's South African Syndicate (Limited).—Registered September 2 by Arnold, Williams, and Co., the Vestry House, Laurence Pountes Hill, E.C., with a capital of £1000 in £1 shares, to acquire any mines, mining rights, &c. in South Africa or elsewhere. Registered office, 37, Queen Victoria St. E.C.

FOR MINE, QUARRY, RAILWAY, AND ENGI-NESRING WORK, STORES, &co.

• We shall be obliged by being promptly placed in possession of particular regarding contracts open for competition, and of the results of suscessful tenders. In the latter case contract prices should be given.

Diedate given is that by which tenders must be delivered, in nearly all cases further sufermation can be obtained on application at the addresses gives. In applying for such the name of " The Mining Journal" should be mentioned as the original source of the information, concerning which further particulars are required.

Points and Crossings Septembor 15 (Leeds).—For the supply of a number of steel springs and open points, crossings and drain rails, for the Leeds City Tramways. Particulars may be obtained at the Highways Department, Whitchail Rad, Leeds. Tenders, endorsed "Points and Crossings." and addressed Highways Committee, Town Hall, Leeds, must be sent in by 18th Ires.

ment, Whitehail Road, Leeds, temporary and addressed Highways Committee, Town Hall, Leeds, must be sens an addressed Highways Committee, Town Hall, Leeds, must be sens an addressed Highways Committee, Town Hall, Leeds, must be sens at the common of the supply and delivery of steel and iron materials for bridges, for toe East Indian Railway Company, as per specification to be seen at the comcany's officer-tenders to be sent to Mr. A. P. Danstan, secretary, Nicholas Lune, London, E.C., marked "Tender for Steel and Iron Materials for Bridges," not later than 1 p.m. on 15th inst. The company reserves to itself the right to divide the order, also to decline any tender without assigning a reason. For each specification a fee of £1 is, is charged, which cannot under any circumstances be returned.

turned.

Wheels and Axles, September 13 (India Office, S.W.).

Lary of State for India in Council is pre-ared to receive tenders.

Wholes and axies, (2) brass boiler tubes. The conditions of contract may be obtained on application to the Director General of Stores, India Office, White hall, S. W., and tenders are to be delivered at that office by I pm. on 18th int. Coal and Coke. Soptember 17 (Advisory).—For the supply of coal and coke to the sewage works, baths, and offices for half-per ending March I'. 1897, for the Aviebury Urean District Council. Further particulars and form of tender may be obtained on application to Mr. J. H. Bradford, surveyor to the Council, 2, Rickford's Hill, syesbury.

Tyros, Sopt. mbor 16 (Los ox, & C.).—For the supply and delivery of 200 steel tyres and 10) groups siliptical springs, for the Maxican Railway Ompany (Limited). Specifications, with contitions and form of tender, can be obtained at the company's offices on payment of 5s, each, and drawings may be inspected between 10 a.m. and 3 p.m., Saturdays excepted.

Tenders must be delivered by noon on 16th inst, Mr. John T. Dunitston, secretary, 45, New Broad Street, London, Ed.

Railway Stores. September 16 and 23 (Brussis).—For supply of all kinds of stores and parts necessary for renewsis of roads sad rolling stock on the Belgian State Railways. Particulars are obtainable at the Brusses Bourse. Tenders by 16th and 33rd inst.

Coal. September 23 (Belgist).—For supply of 75,000 tons of best screened gas coal, to be delivered free and trimmed in bargessa Belfast Rarbour, between November 1, 1308, and October 31, 1337, for the Gas Committee. No tender to leak than 10,000 tons will be considered. Monthly quantities and particulars may be obtained from the manager of the gaworks. Tenders, on office form, endorsed "Tender for Ocal," should be delivered to Sir Samuel Blask, Town Clerk, by 33rd inst.

Railways. October 31 (Nyla).—For the construction of a railway between Nova Zagors, Chirpan, Philippopolis, Tatar Bazarjik, and Sarembeg. About 120 miles. Estimate £332,000, Particulars from the Ministry of Public Works Sofa, Bulgaria.

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## MINING IN ASTURIAS (SPAIN).

### IRON ORES OF THE PROVINCE.

(FROM OUR OWN CORRESPONDENT.)

EFFRENCE having been made on a former occasion in the Let's Research having been made on a former occasion in the Jurnal to the iron ore deposits of this province, it may to making them better known, so that the exploitation of these deposits may be taken in hand by those who, after due examination, may find it worth their while to secure properties, and draw from them a portion of their requirements.

The ore from these various beds and deposits forms the staple having for making in the several iron and staple works of the

basis of working in the several iron and steel works of the province. These works are not unimportant, as may be seen from the following table of their production during the last

rubio and Campanil ores, whilst the balance in Duro and Co,'s works is filled with ore drawn from extensive deposits at Bayo,

or phosphorus.

It is not necessary to enter into details of strains and stresses

placed on board, once that the deposits are opened out and the necessary arrangements for shipping made.

In order that an opinion may be formed as to the importance of these beds, the accompanying map of the district shows their general run, the thick lines marking their croppings. These lodes are comprised of extensive sea beaches of the Devonian period, tilted, folded, and contorted by the various movements of the earth's crust since they were first laid down. We see the same operation in effect in the present New Zealand beaches, in so far as the agglomeration of magnetic iron particles, the difference being that whilst these particles proceed from Archeon rocks, the Devonian beaches have been charged by iron protoxide in solution, precipitated as peroxide in presence of decaying carbonaceous matter. The medus operandi of the deposition of iron in this way has been treated very fully in the chemical and geological assays of Dr. Sterry Hunt, and in walking over and examining these deposits with their enclosed fossils, the conclusion is come to that his decisions are fully proved.

fossils, the conclusion is come to that this decisions are may proved.

These lodes or deposits, tilted nearly vertical, are met with on the coast at Llumieres to the west, and at Candas on the east of the anticlinal, whose axis is at the Vaca de Luance, Surface erosion has levelled the general topographical features of the apex of this, the eroded matter having been transported from west to east, filling the valleys that existed on the eastern ride.

side.

At Llumieres, the Duro Company have worked for a long series of years drawing the ore for their requirements.

At Candas, the ore lodes are intact, and are seen in the almost vertical cliff face, running from sea level to the top of this, an altitude of over 50 metres. The contents of the ore at Llumieres and on the Candas run are almost identical, although that of Llumieres has a higher percentage of combined water.

Both when wet have a rather regular rhomboidal fracture, but this disappears when they are worked out from dry places, the fracture then being irregular or partly conchoidal.

(To be continued.)

# CORNWALL

AND DEVON: NOTES ON MINING IN THE WEST,

(FROM OUR OWN CORRESPONDENT.)

THE only mine meeting held during the week has been Levant Levant, like the Eastern mines, has felt the results of the depression, and on Tuesday the adventurers wisely decided to wipe off the adverse balance—the accumulation of several depression, and on Tuesday the adventurers wisely decided to wipe off the adverse balance—the accumulation of several excessive accounts—by a call of 5s, per share. This is the first call made at Levant for several years, so that the shareholders are in more fortunate ease than the majority of those who are interested in other Cornish mines. At the same time, it is distinctly disappointing, that a mine which in 16 weeks has raised and cold 125 tons of tin, 1400 tons of copper, and 55 tons of arsenic, is not able to pay its way. If Levant depended on its tin alone, operations might be stopped to-morrow. It is the fact that the adventurers have two—or rather three—strings to their bow; that makes their position so strong. Levant is now far and away the largest copper-producer in the British Isles—turning out more ore than all the other mines put together. The agents amounce, however, that the copper lode in the bottom of the mine is getting slightly mixed with tin, and it is possible that the production of copper will gradually fall off as the mine is developed in depth, while that of tin would increase. Should this turn out to be the case, the experience of the Eastern mines will be repeated at Levant. will be repeated at Levant.

According to Mr. Henry Olds, the appointment of a committee has been of distinct benefit to the shareholders. To these mittee has been of distinct benefit to the shareholders. To the he attributes the adoption of ticketing—thanks to which the price realised for the company's tin ore has risen from £372x 6d. per ton to £391ls. It used to be said, in the old days of private sales, that smelters fought shy of Levant tin, but at the recent ticketings it has fetched a higher price than the product of most other mines, so the stone which the builders rejected has become the head of the corner. Shareholders in Levant will probably feel keen regret that the mine's ore was not ticketed long ago.

CAPTAIN MURRISH, one of the underground agents, had some good news for the adventurers, which probably partially reconciled them to the 5s. call. He announced that an important improvement has taken place in the 302, which he hopes will be permanent. The mine is certainly being worked with vigous and is likely to survive its near neighbours for many years yet.

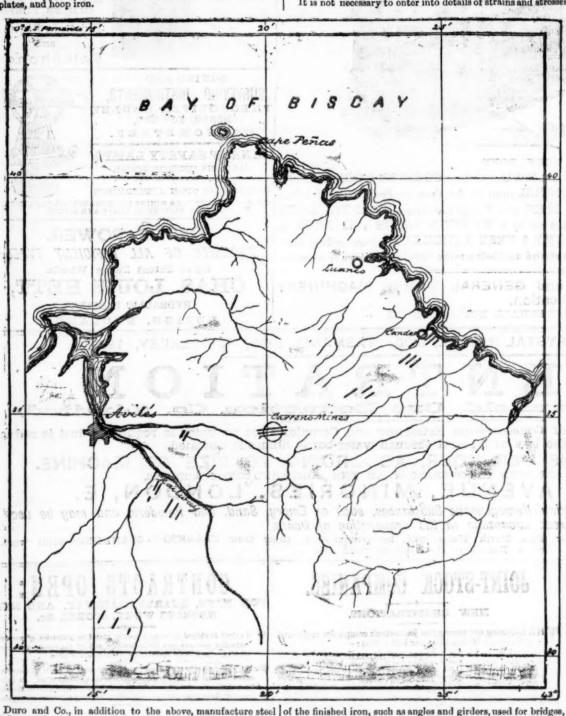
Mr. Frank Oats, who is largely interested in Levant, as well as in the Basset mines, is on the point of paying another visit to South Africa. Cornish mining owes a good deal to Mr. Oats, who has been one of the most active and uncompromising advocates of the new order of things now fairly inaugurated.

THE statutory meeting of shareholders in Carn Brea and Te-croft (Limited) will be held on the mines on the 18th inst. It is stated that the directors have already secured a sum of some thing like £60,000 for future developments, and that work will be vigorously pushed forward without delay.

The report of the liquidator of the old Wheal Basset Costbook Company is a very satisfactory document. The mins were taken over by the new Limited company on February, and the accounts represent the working up to that date. There is an apparent loss of £113, but about £400 comes back from the new company for coal in stock, and £600 paid for land damage is an extra charge in the accounts. To the balance shown in favour of the company has to be added £1996 which comes from the new company for exploring work underground, and for coal the new company for exploring work underground, and for coal and new materials taken over in accordance with the agreements made with the amalgamated company. This brings the available balance up to £5315, but out of this balance varies available to the company has coats in connection with the winding-up of the company has

FOREIGN COMPETITION IN THE COLONIES.—During the infortinght there have been over 1000 visitors to the London Charles of Commerce in Eastcheap to inspect the sample collection feether British West Indies of foreign articles which find a sale those markets, and which were sent home in response to E. Chamberlain's despatch to the Colonial Governors. It originally announced that the exhibition would close hat Saters, but in consequence of the great attention which the samples is attracted, and to the fact that the attendance has increased take than diminished, it has now been decided to continue the exhibition until to-day (Saturday). until to-day (Saturday).

THE directors of the Cataract Barberton Gold Mining Company (Limited) announce that they have been advised that the properly has been transferred to the company's representatives.



Duro and Co., in addition to the above, manufacture steel

Duro and Co., in addition to the above, manufacture steel girders, angles, and plates for admiralty uses.

Moreda and Gijon have one blast furnace to supply pig iron for the manufacture of tolegraph wire, rods, and wire for their nail works, which is a most important industry in this country,

Peroxide of manganese. . 0.95 =Phosphorus, 0.56

Insoluble matter . . 16:20
a portion replaced occasionally by the magnetic iron slatey ore
from Tapia (also in this province) giving the following average

Per cent. 5.46 = manganese 4.28 per cent. Line Mugnesia. 0:10 Paosphorus 092 Salphur 019 Combined water 340 I-Jakil) Todaso as who The remainder in the Micros works being made up of Bilbao

of the finished iron, such as angles and girders, used for bridges, flooring, beams, &c., as these will compare favourably with those Booring, beams, &c., as these will compare favourably with those of any other country; but it may be well to impress the fact that this finished iron proceeds from ores of the above analysis, which, as a rule, are rejected in other countries for good finished iron. Of course the high silica percentage augments the cost of smelting, but the protective tariffs of the country permit this, as there can be no competition from outside. Although the importation tables of the country show a certain around of iron introduced this consisted exclusively of reason. amount of iron introduced, this consisted exclusively of manutured articles, and a comparison of the statistics for the last two years proves that even this is dying out.

They are as follows:

12,385 7,768 18,233 Rolled steel ..... 23,142 ....

Thus it may be seen that the manufacture of iron in this country is a progressive industry, and a highly beneficial one, in this country is a progressive industry, and a highly beneficial one, in the selling price of the finished product, free from competition.

These cross enter largely into the production of the pig iron used at Duro and Co's Works in their Siemens-Martin furnaces, for the manufacture of steel plates and girders for Admiralty

These before acceptance under their contracts have to withstand the very severe tests applied, which they do very successfully, there being probably as few rejects as in any other country under like conditions, but where all such material is manufactured from special pig iron, made from high class ores.

These facts speak volumes in praise of these provincial iron and steel works, and may be taken to heart by British manufacturers, in view of the low price at which these ores can be

### MINING IN VICTORIA.

(FROM OUR OWN CORRESPONDENT.)

London-Victorian "Floats."-A London Reporting Association Necessary.

HE time, labour, capital, and perseverance required to bring a mining enterprise into a profitable state, as a safe and general rule, is immensely greater than in any other pursuit. Large sums of money require to be expended, as experience teaches, before the hope of remuneration is entertained. This fact is well understood by many mining companies in our right. In such instances, the first chieft has been recorded. This fact is well understood by many mining companies in our midst. In such instances, the first object has been properly to construct the mine and equip it for future operations. In those instances where operations have been carried sufficiently far a handsome remuneration is already obtained. In others the most flattering prospects are presented, and the hard fact learned by Victorian mining is that mines, as a general rule, do not become profitable until they are properly constructed and equipped. The above remarks give a condensed view of the legitimate enterprises as relate to such mines as the Long legitimate enterprises as relate to such mines as the Long legitimate conterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises as related to such mines as the Long legitimate enterprises a legitimate

Tannel, Wahalla, the Garden Gully, Bendigo, the Band and

Albien, Ballarat, and Mr. George Lansell's No. 180 at Bendigo,

with a score or two of others scattered over the colony. Not a pany of English capital has been brought into these venture pany of English capital has been brought into those voltures-neither is it wanted. This is legitimate mining. On the other hand, I purpose dealing in this article with the bastard class of operations poculiar to the very large majority of Victorian ven-tures now on the London market. A London "boom" is on. tres now on the London market. A London "boom" is on, Og the list in front of me as I write are the names of some 83 restures which have been sent to London within the last three months, and a further list of some 23 Victorian companies which have taken the necessary powers from local shareholders to icrease their share capital and to open London registers. Both groups comprise several Tasmanian properties floated during the present Tasmanian "boom" in Melbourne. Looking over the list I see no reason to distance the companies of the companies o during the present Tasmanian "boom" in Melbourne.
Looking over the list I see no reason to discriminate in my remarks between one and the other; if anything, those ordained to open London registers are the worst. For the benefit of the doubt has in all case been taken by the proprietors, where possible to "float," The gentlemen who are slipping off with carpet-bags; in hand by each mail steamer to London are pursuing mining, as it were, by a short cut. They are men of good wind, and plenty of it, a tropical imagination, and a keenness of eyo, which can see a thing where it does not exist—men, too, who are not tarnished with the plain, homespun, frank address of sturdy honesty. At no period of Victorian mining have the snares been carried to he plain, homespun, frank address of sturdy honesty. At iod of Victorian mining have the snares been carried to no period of such a degree as have found a lodgment in the methods prevailing for putting off Victorian and Tasmanian mines in Values. All stimulated and fostered by the enormous sum paid for Westralian leases in London; and be it remembered that most of these properties were originally owned by honom. The Westralian leases in London; and be it remembered that most of these properties were originally owned by Victorian people—therefore it is not difficult to trace the contagion. The Hon. Mr. Shiels, ex-premier of the calcay, addressing the Victorian Legislature a few nights base as the Companies Amendment Bill, said:—"I blush with the same at read the prospectuses that went abroad, Some of them from Victoria were advertised in the English papers, and drew millions out of the duped public of England. The wildest dwill est schemes were being floated in England. The Hon Mr. Noter, the Minister of Mines, speaking at several of the mining centres during the Parliamentary recess, bitterly compliance of the character of the mines that were being sent to England for floation. Replying to attacks of the local Pross for pleasuning to discourage hope, and extinguish expectation of gain, he claimed to speak out of due consideration for the cleny and its principal industry, and knowing as I do what, in scapicity as Minister, he must know, his outspokenness is most praiseworthy.

er department of State is a Minister hampered by d pressure and the immense temptations which beset the faconscientious man as at the Mines Department. We path of a conscientious man as at the Mines Department. We havehad men like the Hon. Mr. Outtrim, who, from the moment they went to the mines office, severed their connection with all companies, and divested themselves of every mining ahare they held, and again in the present Minister. Mr. Foster, who pursues a similar course. Both have handled the reins of office as an important enterprise, and not a bubble. Consequently, when a Minister is fearless enough to tell the world a bit of his mind concerning some of the ventures that have been sent to England for flotation, he brings such discordant material into playas to bring down on him a maolstrom of enmity; collision, and rais. Mr. Foster's reflections on the mines that have been sent home were made in the best intercets of the industry and the colony, for in connection with some that are being introthe colony, for in connection with some that are being intro-duced on your side under the auspicos of leading. Victorians, there is no censure that is too severe. They belong to a class from which it will be difficult to judge legitimate operations by

sing purely of a scheming and speculative character.

The Mining Journal will not justify its existence here or serve Moung Journal will not justify its existence here or serve as good purpose to the English public who look to its columns forecreet reports, unless it outs out the cancer which is eating into the vitals of legitimate mining. I refer particularly to "experts." reports. I am not disposed to repreach or criminate where it is not justly due, but at the same time I observe a condition of things which cannot be allowed to pass unnoticed, sum though it may prejudice the private interests of friends, acquaintances, or individuals. In the rush that is taking place to Loodon, over and over again I have said to certain consulting againsts, whose characters and abilities are beyond question. outcoden, over and over again I have said to certain consulting engineers, whose characters and abilities are beyond question, "How comes it you people are not engaged to report on the London 'floats'?". The replies are invariably the same. Most of the mines are being taken home by the carpet-bag men, and they want a good report. A man must sacrifice his character and houser to obtain their favours. I speak with a full knowledge of the facts that fully nine-tenths of the properties going home are being reported on by men who are not heard of in the profession locally and who are not comprehent to give pureason locally, and who are not competent to give an intelligent description of the ground they walk over or what they might see in the mine. They cannot convey ideas of how the work has been carried on, or tell how and where to supply the imperfections. With them, had all gone well at the mine; and with a full consistion of its glorious future, confident of its being able to pry differents, they leave nothing in this respect to tell its constant. who are not competent to give an in-

organically the success of some "wild cata" that were taken loss last year, the game is being played faster than ever. The Tamanian mines floated in Melbourne during the result Tamanian boom are added to the list. The Minister of Mines is being urged to check the Ballara Newing at the position of deceit and fraud upon the English public by establishing a Mines Bureau in London, where all information of the established by those consulting engineers, who keep aloof less audious consening. Locking at the position from a practical standpoint, it would be infinitely better for the Minister to aid the project of the engineering body, for apart from recording full and out the

accurate information of the mines on the market, they are able to furnish scientific and practical advice in reference to them. The only obstacle in the road to the scheme of the engineers which could hardly be expected to be self-supporting at the start; help would be required till such time as it will have gained the confidence of the investing public.

It is certainly not going too far to say that the moral effect of such an organisation in London will render promoters cautious and circumspect in not holding out extravagant prospectives, when

circumspect in not holding out extravagant prospectuses, when conscious that the means are at hand to check deceit. Victoria has her chance now, and for the nonce is abusing it badly, and this equally applies to those Tasmanian vontures which are going home through Melbourne agencies. In putting money into these concerns English investors are in peril, for, apart from looking too narrowly into the merits or demerits of the enterprise, the one thing that can be said in truth and safety oncerprise, the one thing that can be said in truth and safety concerning them is, the promoters are looking to the "market" mainly for support. Victoria has waited long and patiently for her opportunity, and worked well. It cannot be expected that the general body of the public will see the smile that just now begins to beam on her, clouded by a speculative fever likely to retard the development of her mines, which on all sides is trankly admitted to be the collegent that will lift the release frankly admitted to be the only lever that will lift the colony out of its despair, and equally confessed that this uplifting agency can only come by the aid of English capital. Consesequently, those short-sighted individuals who are rushing home with mines on paper that will never show any returns on capital invested will not be allowed to kill the ox which is treading out the corn. One and all are anxious, and with a determination it shall be as that the same of that day has set when it will again. shall be so, that the sun of that day has set, when it will again be in the power of any man, or set of men, to again wreck that confidence which now reposes in the value of the gold mines of this colony, and this is a sufficient reason to me for helping the movement for the dissemination of correct information on the points of greatest importance.

The Western Deep Leads, Ballarat.

The Royal Commission of 1889-91, appointed to enquire into and report on the auriferous resources of the Colony of Victoria, of which the present Minister of Mines (the Hon. H. Foster) was a member, took a mass of important and valuable evidence in investigating the characteristics of the ancient water systems, or, in other words, the origin and occurrence of water systems, or, in other words, the origin and occurrence of the older Pliocene drifts or reef washes, embracing their component materials, extent of deposits, known localities, possible new localities, and the contour of the ancient surface as would suffice to determine the ultimate outlet of the alluvial deep ground. The epoch of diamond drills had, in a measure, by a line of sectional bores, proved a large field of undeveloped deposits over the country west and northwest of Ballarat. The scientific staff of the Mining Department rose to a national conception of their duties at this enquiry, and the reports of Messrs. R. A. F. Murray, Government Geologist; James Stirling, Chief-Assistant; Lynch (senior and junior), mining surveyors, may be read with interest, Mr. Murray stating there was an alluvial field entirely occupied by basalt on the surface extending to the west of interest, Mr. Murray stating there was an alluvial field entirely occupied by basalt on the surface extending to the west of Ballarat equal to, if not greater than, that of the Ballarat gold field proper. Mr. Stirling affirmed that the diamond drill had proved most effectual in determining the present leads, as indicating their form, value, and character. The Messrs. Lynch (father and son) joined in preparing an excellent map, bringing all the data up to date, showing the worked leads and the lines of bores then being put down at the instance of the Commission illustrating the evidence regarding the outlet of the Ballarat western lead systems. The effect of all this revived the interest in alluvial mining, and at the instance of several prominent Ballarat mine investors, notably Messrs. T. W. Parker, Alfred Clarke, and the Hon. E. Morey, the Government was induced in 1891-2-3, to put down a series of bores on the ground immediately to the west of the old Hand and Band workings on the Sir William Don and Park Leads, extending the line of bores sufficiently far enough south across the Winter's line of bores sufficiently far enough south across the Winter's freehold ground to prove the course of the deep leads on this Six bores have been put down at a distance of between area. Six bores have been put down at a distance of between 500 and 600 feet apart in an almost due north and south line, about 1400 feet west of the terminal point of the Hand and Band workings with the following result:

No. 1 bore (commencing on the north) bottomed at 355 feet

on 6 feet of wash.

No. 2 bore (commencing on the north) bottomed at 429 feet on 5 feet 1 inch of wash.

No. 3 bore (commencing on the north) bottomed at 448 feet n 11 feet 9 inches of wash.

No. 4 bore (commencing on the north) bottomed at 386 feet

No. 5 bore (commencing on the north) bottomed at 445 feet on 6 feet 6 inches of wash.

No. 6 bore (the most southern bore) bottomed at 454 feet

with a drift on bottom.

An examination of the above data shows that No. 4 bore

bottomed on high ground dividing two channels.

To ascertain whether these channels junctioned within close distance of the bores, another bore was put down at a point 2000 feet west of No. 6 bore, this bottomed at 403 feet on 9 feet, headings and wash, which prove the trend of the deep ground to be north of west, and one may reasonably assume that the lead soming out of the Winter's ground would units with the Sir William Don and Park leads with the lease block of some 1576 acres taken up by the Western Leads Proprietary Company, of which the gentlemen before referred to are the directors. which the gentlemen before referred to are the directors. Another bore (No. 8) was put down nearly abreast of No. 4 bore on the east, bottomed at 336 feet on 7½ feet of wash. This company, which has sunk a shaft (16 feet by 6 feet 3 inches) to a depth of about 55 feet, intend placing their ventures before to a depth of about of feet, intend placing their ventures before English capitalists, and being worthy of the most earnest attention, I give a few facts in detail of those mines and their yields which have worked in years gone by the same leads at different points which have made Balkarat famous in history as one of the greatest gold-producing regions of the world. Referring to a time anterior to my own recollection rict, I must necessarily trust to the early records of the Mines Department, and from these I gather that in 1851 an enormous amount of gold was won from the shallow alluvial ground in this neighbourhood. Coming down to the sixties we get some authentic information

the filliam Don Iee...

Name of Company.

Sir William Don Company 2,000 ...

Kohi-Noor Company 10,000 ...

Cricket Reserve Company 3,000 ...

Ballarat Freehold Company 17,962 ...

Newington Company ...

7,395 ...

Freehold Company 8,328 ...

Freehold Company 8,328 ...

25,600 ...

246,287 ...

37,750 ...

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eight companies then working on the Park, or Sir

Company ... 246,287 .. 37,750

Few mon can speak more authoritatively of these mines, or of the days when they made the name of Ballarat echo throughout the world, than your valued correspondent, Mr. Thomas

Cornish, who has written and re-written the history of Ballana Cornish, who has written and re-written the history of Ballanatin graphic terms in the columns of The Mining Journal, and knowing that this menter still watches over every line where the word Ballarat appears, I confess to write these notes with more than ordinary feelings of restraint and responsibility. With such records as set out above, one may well ask why these leads were not followed and worked upon down their courses. That is a question which can only be answered by the men of that day; but I know sufficient to answer that the frontage lease system in vogue on Ballarat in the sixties not only ruined many dividend mines, but sent many a poor digger to his grave, by reason of the endless litigation a poor digger to his grave, by reason of the endless litigation most of them were involved in in proving their rights to the ground they occupied. The sight of these names of mines recalls the hundreds of thousands of pounds spant in the law courts over them. By the time the Government of Victoria had awoke to the fact that the frontage system had killed alluvial mining on Ballarat, as to amend the mining laws, the diggers had dispersed themselves over the reefing fields, and an quartz mining became better understood, it got a greater hold on the community to the almost entire neglect of working the quartz mining became better understood, it got a greater hold on the community to the almost entire neglect of working the alluvial, except by small co operative parties on the shallow washes. With better mining laws and a disposition on the part of the Mines Department to grant large areas to companies bona fide working deep ground, the pendulum has swung back to the old order of things, not unmindful of the fact, as Mr. Stirling stated before the R yal Commission of 1891, that the dismond drill had created another create in the history of Victorian mining. epoch in the history of Victorian mining.

But it has been left to within the last two or three years to complete the revival of alluvial mining. Creswick, Kingston, Smeaton, Pitfield Plains, Rokewood, Rutherglen, Wahgunyah, smeaton, Fitness Flains, Rokewood, Ruthergien, Wahgunyah, and Chiltern are to-day all thriving busy centres of alluvial mining. To these may be added the large English ventures launched during the last few months—The Charlotte Plains Company, the Mount Greenock Estates Company, the New Langi Logan at Ararat, the Campaspe Deep Leads Company, and about half a dozen other promising ventures now before the English public.

Of the locally owned ventures, I have taken the yields and dividends of 12 quartz mines and a like number of alluviat mines with wash drives opened out, and I find the alluviat mines to pay nearly 50 per cent, of the gold won in dividends, while the quartz mines pay about 221 per cent. I am going closer into this, and am daily collecting statistical matter on these points. Unfortunately, the Mines Department has discontinued unblishing the creatings and right. But the matter closer into this, and am usuy consessing these points. Unfortunately, the Mines Department has discontinued publishing the crushings and yields. But the more closely the figures are examined, the more I am impressed that very shortly the people will wake up to see that alluvial mining is worth being followed even more than it is at present. I feel certain there will be a great revival in Victoria in this direction. The western leads of Ballarat, Rutherglen, and an almost unworked field around Alexandra are to come. If cannot the shyugas of the English public in regard to this understand the shyness of the English public in regard to this class of ventures. Repeatedly I am told by leading firms here that such and such an alluvial mine has been submitted by them that such and such an alluvial mine has been submitted by them to their English correspondents, and failed to be taken up. To give one illustration of the ignorance at home displayed indealing with these mines, it is a frequent occurrence for some of the consulting engineers here to receive cables from their London employers to this effect:—"Did bore No. 6, lease give prospect." The answer is returned as the case may be, but I think never without a hearty laugh. The man who would sake such a question, or would attach any importance to a reply of this tind, could never have seen a boring machine used. In the hard basaltic country and stiff clays it requires as much water as the pumps will send down to keep the drill clear, and it is not an uncommon thing for the boring master to send the drill 20 to 30, feet through the bottom to make sure of a core. So much water has been sent down the pumps as not only to wash any water has been sent down the pumps as not only to wash any gold out of the rough wash, but with difficulty to retain the wash itself. In the No. 3 bore on the Western Leads Proprie-tary Company's ground, I observe the Government boring master's report shows bottom to be reached at 448 féet, yet the drill was sent through to 472 feet 2 inches, going through the pincellay and layers of slate and sandstone. Another reason drill was sent through to 472 feet 2 inches, going through the pipeclay and layers of slate and sandstone. Another reason why the gold prospects are never given in the Government bores is because of a rule in the department they shall not be made public. As practical men, they attach no importance to the prospects, and their publication would be ntterly misleading. The thickness of the wash dirt is sufficient. And when you have, as in the case of the bores on the ground in question, only 2 feet of drift met with, and that only in one bore—No.3—which came in at a depth of 168 feet, it shows there are he sinking difficulties to contend with in the way of making extra prowhich came in at a depth of 108 feet, it shows there are no sinking difficulties to contend with in the way of making extra provision for securing the shaft. I need only say that such mines as the Star of the East, South Star, and Band and Albion, all working quartz reefs in the neighbourhood, and draining the ground, are now working at depths close on to 2000 feet, with none of them using larger than a 12 inch life pump. As a matter of fact, the South Star has only a 10 inch pump, and these not working to their fullest capacity, in order to dismiss all doubts as having to cope with heavy water in working the western leads, seeing that the deepest part of the gutter is over 1500 feet above ground, which is being worked by three of the largest mines on Ballarat. In proof, the New Koh-i-Noor Company are working old and new ground in the Golden Point lead, which was the principal channel in West Ballarat, and with which the other leads junctioned. Even before this ground was worked below the alluvial by the present grarts companies, no difficulty was experienced by either the Hand and Band or Winter's Company in working the gutters; the appliances they had were then in excess of requirements, since which time a continuous drainage has been going on. Thus it was experienced that the old the contradiction that the old. which time a continuous drainage has been going on. Thus it may safely be stated, without fear of contradiction, that the old alluvial gutters are drained. The importance of clearly stating these facts cannot be over estimated; it expresses a conviction that the Western Leads Proprietary Company might rely on cheap and thorough development without operations being impeded by large quantities of water. In closing this article, I impeded by large quantities of water. In closing this article, I cannot lay too much stress on the evidence disclosed by the bores. These show that there is a certainty that the rich Winter's Lead. and the still richer Sir William Don and Park Leads, and United Hand and Band Leads, junction in the Western Leads United Hand and Band Leads, junction in the Western Leads Company's property. The records at the Mines Department, and the old mine plan of the Hand and Band Company which has been kindly placed at my disposal for the purpose of this communication, show that the latter company's workings actually ran into the eastern end of the Western Leads Company's ground, and official reports furnish ample evidence that when levels were lost in the Hand and Band, they were getting a large amount of gold from the ancient stream bed. In determining the inclination and direction of the leads above referred to, an additional check was afforded by another line of bores which was put down a mile further sheed westward. These proved that the Bunker's Hill and Sago Hill leads are both trending into the main channel into the Western Leads Company's ground. One prudent feature of working is meliculable in the fact that the company has put down their shaft at a point where they expect to bottom at 270 feet in the neigh.

bourhood of the shallow washes worked by the Hand and Band Company. By adopting this course they soon get on to the gold, and the position is better for the purpose of sinking to the level of the deep ground for working out the deeper channels, they thus escape the trouble and extra cost of sinking through a great mass of basaltic rock. Mr. Reginald Murray, the Government Geologist, in an elaborate report, strongly recommends the enterprise. I have now concluded the particulars of this latest venture for London, with a proper scheme of working capital of not less than £20,000 to £25,000; it has everything in its favour to recommend itself to English investors. I say this with confidence, for it has all the "backbone" of becoming a reasonably good property. There are no speculators in the concern; to home folks who know Ballarat men, the names of T. W. Parker, Alfred Clarke, and the Hon. E. Moray are indicative of success in mining enterprises; their past mining management might be bourhood of the shallow washes worked by the Hand and Alfred Clarke, and the Hon. E. Morey are indicative of success in mining enterprises; their past mining management might be left to answer as a public guide for the future. In another article I hope to resume the subject of the Alexandra Deep Leads, upon which a considerable area has been taken up for London by one of the leading firms here—Messrs. Harris and Field—whose record has been a good one in the class of mines they have sent home, winning a high name and reputation in public estimation.

### MINING IN THE UNITED STATES.

(FROM OUR OWN CORRESPONDENT.)

NEW YORK CITY, SEPTEMBER 1.

OUR people have made a rich haul in Alaska. It seems Tour people have made a rich haul in Alaska. It seems that in the latter part of last year errors were discovered in the old survey of the international line hetwien Alas' a and British Columbia. The Canadian Government forthwith arranged for a re-survey when the next season should open, and this has now been completed by Professor Ogilbee, assisted by a staff of British engineers. Our Government officials, as usual, have done nothing. The result is that a territory from 3 to 8 miles in width and embracing many productive placer claims on Glacier and Miller Creeks have been transferred to Canada. It is situated in the Yukon district, and covers the water rights of 40 streams. Some idea of its richness may be formed from the fact that a miner named Miller ductive placer claims on Glacier and Miller Creeks have been transferred to Canada. It is situated in the Yukon district, and covers the water rights of 40 streams. Some idea of its richness may be formed from the fact that a miner named Miller collected 260 lbs. of gold nuggets, valued at over \$50,000, in 18 months, and another party of miners, consisting, however, of 70 meer, secured over 2600 lbs. of the precious metal. Yet the saying holds good in Alaska as elsewhere, that glitter does not always spell gold. I have just received a letter from a working miner of my acquaintance in California, who writes me as follows:—"I arrived home from Alaska some few weeks ago, where I have been for the last two years engaged in mining. That country has a great name of being very rich in placers and quartz mines. There is more money spent there in prospecting and trying to find a paying property than there is produced in the country. I have seen more broke men that went into the country with thousands of dollars leaving there without a cent than I ever did in California." In spite, however, of this Jeremiad, it cannot be denied that Alaska has its prizes. The miners who worked their claims on Glacier Creek last winter, throwing out the pay dirt, and piling it on the dumps for spring and summer washing, are doing well. The Insley claim will pay over \$20,000 this season, and the mines along the creek will altogether produce over \$100,000 in dust. The 12 districts of the Yukon will yield \$2,600,000, or as much as the entire territory, including the Treadwell Mine, produced last year. There are more than 2000 miners now actively working in the Yukon country.

Butte, Montana, supplies the sensation in mining circles this week. Two Butte druggists named S. R. Fair and Edwin Clark, together with an old prospector named C. P. Pruett, located a mining claim known as Mayflower, No. 3, a short distance from Whitehall, about 25 miles from Butte, up in the mountains. They are now virtually millionnaires. Rich ore was struck right at

gold. A peculiar feature of the quartz is that a specimen assaying more than \$600 does not show a particle of free gold. The ore is peculiar, and cannot be treated except by smelting. Sixteen tests have been made to concentrate it and treat it by cyanide. The richest ore comes from the surface or a few feet wn, while at the bottom of the cut the assays show about inches in gold. Seven carloads have thus far been shipped, s in gold. 4 inches in gold. Seven carloads have thus far been shipped, and they have given a nett value, after paying freight and melting charges, of \$52,000. So far it does not seem likely that this rich ore will go down to any very great dopth, but the length has not yet been ascertained. Hundreds of miners and prospectors are swarming to the scene, and it will not be long before the entire country in that section is staked out."

Here, then, is another rich mining district suddenly added to the list of those now being worked in this country. But the incident is not novel or surprising. Such "sensations" are of frequent occurrence. The moral they proplain in trumpet tones.

frequent occurrence. The moral they proclaim in trumpet tonce is "Go ye, and do likewise!" It is hard to understand why English investors do not take to American gold mining in the same vigorous fashion that has characterised their investments. in the gold fields of South Africa. Part of the reluctance is doubtless owing to American mining investments having doubtless owing to American mining investments having hitherto been mostly made in a wrong manner and at a wrong stage, as already explained in a former letter of this correspondence. But a good deal more is, I suspect, due to the impression that we are seeking to entice English capital into a field that we do not consider good enough or safe enough for our own money. If this idea do, in fact, prevail, it is an erroneous one. I am compiling a list of investments in American mines since January 1 of this year, and hope to include it in my next letter. It will show that American money is steadily flowing into American mines, and that, if American mines are offered in England, it is because their number is in excess of the educated apital here available. al here available.

apital here available.

"Educated capital" is a term that, perhaps, needs explanation. When money is invested in some industrial undertaking with the intention to make profits by the regular development of the enterprise, and with due regard to the inherent features of the case both favourable and unfavourable, the combination of knowledge and judgment on the part of the capitalist may be regarded as an evidence of so much education. When, howregarded as an evide regarded as an evidence of so much education. When, he ever, the investment takes the shape of a mere purchase

shares or bonds in a joint-stock company, the transaction frequently becomes a case of ignorance rushing in where education fears to tread. A very large proportion of the persons who loudly complain of having lost money by "mines" are rank speculators, who simply bought certain pieces of paper in the hope of being able to soon resell them at a higher price. They made no enquiry into the supposed industrial basis that was the foundation for the issue of the paper. They cared not one jot whether the paper represented a productive mine, or a mere "hole in the ground," or a wild cat of the purest breed. It mattered nothing if the supposed mine had no existence in fact. mattered nothing if the supposed mine had no existence in fact. The character of the management was, in their eyes, an unimportant trifle, and they made no effort to understand even the rudiments of the case. All they were concerned with was the course of the stock market and the actions of the was the course of the stock market and the actions of the manipulators. The money invested under such circumstances was not employed in mining, and was not lost in mines; yet in too may cases the poor mining industry has to shoulder all the discredit. Large sums have been and still are being transferred in this manner from the pockets of small speculators into those of promoters and brokers, who supply the counters to gamble with, and who conduct the gaming table. But the money thus handled is "ignorant capital," and is never available for real mining; so that when we attempt to consider what funds can be depended upon for the actual development of mineral territory, we must not include in our estimates the many millions of floating share-money, but must confine ourselves to the tory, we must not include in our estimates the many millions of floating share-money, but must confine ourselves to the comparatively small figures of "educated capital." From this point of view it will be found that the mining industry, as a whole, has accomplished its great progress, and achieved its marvellous feats on the strength of monetary support far less than that accorded to any other branch of human labour. Very than that accorded to any other branch of human labour. Very few indeed of the great American capitalists have as yet come forward to develop the mineral resources of the country. Their education in this direction is only beginning, and this is why there exists at present so large a field open for employment of foreign capital. How long the opportunity will continue cannot be foretold. Industrial movements in the United States are apt to be sudden and wide reaching. It needs but an impulse in the right direction and applied in the right manner to change the whole face of affairs. The present political campaign may do this, and before the end of this year we may possibly with the right direction and applied in the right manner to change the whole face of affairs. The present political campaign may do this, and before the end of this year we may possibly witness the inauguration of a vast movement that shall make America the controlling factor of the world's metallic production. Major McKinley, the head of the Republic party, has now under consideration a proposal for facing the silver agitation with a gold policy of a national character as distinguished from the mere Wall-street tactics hitherto depended upon. It is hald that if the unappropriated Federal lands he systematically from the mere Wall-street tactics hitherto depended upon. It is held that if the unappropriated Federal lands be systematically surveyed and explored a large number of new auriferous districts will be opened up. The suggestion is that these shall be developed by the United States Geological Survey to an extent sufficient to show the nature and magnitude of the ore deposits, and then that mines shall be marked off and sold or let on lease to and then that mines shall be marked off and sold or let on lease to people desirous of working them, instead of being presented as a free gift to locators, which is the existing mode of disposing of the national domain. It is argued that a gold deposit vouched for by Federal experts will readily secure the aid of capital for its development, and that in many cases a system of appropriations and loans from Government funds may advantage only be reserved to for the greedy correction of the new appropriations and loans from Government funds may advantageously be resorted to for the speedy operation of the new gold fields, the required money being raised by the issue of Federal bonds to be paid as to interest and principal from the purchase monies and royalties received for the mines. If this policy be adopted by the Republican party, the result will be rapid and vast. The gold production of the United States will rise to a figure in excess of that of the rest of the world. We have many gold mines already at work that new produce over \$1,000,000 each per annum. If (say) 150 additional mines of like extent were brought into operation, our gold production would at onse leap up to over \$200,000,000 yearly, and as this figure represents the total production of the entire world at present, it will be seen what a tremendous revolution in the monetary sphere is impending.

I have dwelt somewhat upon this subject because of its importance to the mining community. If gold production

monetary sphere is impending.

I have dwelt somewhat upon this subject because of its importance to the mining community. If gold production become recognised in the United States as a national industry, to be promoted and protected by the Federal Government for the benefit of the people at large, capital will forthwith be "educated," and there will be a rush to locate mining claims in every mineral region of the country before the existing law can be changed. Our great financial houses will no longer dillydally and wonder whether it comports with their dignity and interest to become connected with mining. There will be a general scramble for the huge fortunes that at length will be plainly seen to be lying scattered over almost the entire area of general scramble for the huge fortunes that at length will be plainly seen to be lying scattered over almost the entire area of our Western States. But if, in the meantime, you Englishmen shall have adopted the policy of buying up good discoveries on bed-rock terms instead of waiting to purchase producing mines at inflation prices, it may be that our own great houses will find their education to have been too long deferred.

### OUR SOUTH AFRICAN LETTER.

(FROM OUR OWN CORRESPONDENT.)

Johannesburg, August 10.

F the many important questions now being discussed, one has been finally, and, what is better, favourably settled.

The Liquor law, sanctioning total prohibition of liquor to natives, rassed by the Second Raad, was carried on Friday last by the First Raad also, and, therefore, will be enforced from

No influence has been left unmoved, no trouble has been spare I ou both sides to secure the rejection or the approval of the law, but the interests of a small part of the community have been discarded in favour of a reform which was badly

needed, as the evil was increasing daily.

People who have not got the blessing of a Kaffir canteen close by cannot imagine how many disgraceful scenes occur weekly all round these dens, and we must really be thankful to see the all round these dens, and we must really be thankful to see the Government enabled to put a stop to such a bad state of

Somebody is showing a certain amount of sympathy for the several hundred licensed holders. I think they have got time enough to dispose of their present stock, and to give a different

enough to dispose of their present stock, and to give a uniscense enough to their commercial activity.

I join the Star most heartily in its praising words addressed to the First Raad, and I fully agree with it in thinking that by removing the cause many evils will disappear, and the mining industry will benefit by it.

The law will only be gradually enforced, because it is feared that the natives, if the restriction, or, better, the prohibition, be applied all at once, may leave the country altogether.

Another question which has entered now on a practical stage has been the long-suggested scheme of reducing the wages to

first meeting on July 29, and have since continued sitting daily to draft the necessary resolutions, and to agree to daily to draft the necessary resolutions, and to agree to a provisional reduced scale of wages, which has already been submitted, and, if approved, will come into force in a short time, if a joint action of the mine managers supports the more

if a joint action of the mine managers supports the more ment.

I do not know how the natives will take this reform, but if properly applied, and if introduced by degrees, we may trust that it will be quietly accepted all round.

The final question of big interest to us all, the long promised and impatiently attended Johannesburg Municipal Bill, in being submitted to the First Read, met with a strong opposition, because the Pretoria Legislators are convinced that the Johannesburg Council may prove a rival to them.

At any rate it was decided to send the Bill to the Second Read to deal with it, and it may be expected that with som alteration it will go through.

Of the several meetings of companies held during the week, that of the African Estate Company on the 7th inst. has attracted a good deal of attention, especially as the previous meeting on July 31 was one of the liveliest we had here since a long time, and had to be adjourned.

It would be unfair to make any remarks before the inquiry, which has been demanded and voted, has taken place, but what the debate has disclosed is certainly not bringing much confidence to the intended investors, and we hope that in a fortinght's time, at the adjourned meeting, the investigation will favourably report on the value of the assets. However, it may be said on the contrary, the energy shown by the opposition and the exactitude of their information deserve much more sympathy than the usual servile obedience at companies meetings. sympathy than the usual servile obedience at comp

what I said about the Driefont in and the Angelo of the East Rand Proprietary M nes was disclosed at the first annul meetings of both companies.

meetings of both companies.

The financial position of the Driefontein shows that the case in hand and the reserve shares still to be issued leave a working capital of more than £107,000.

It is confirmed beyond all doubt that the existence of a good that the confirmed beyond all doubt that the existence of a good capital of the second confirmed beyond all doubt that the existence of a good capital capi

paying reef runs through the property, and on the south res shows a regular and well-defined formation between 16 to 18 dwis

Compressors are being put down, and the developing open-tions will also be pushed eagerly forward on the north rest. Owing to the bright prospects of this mine, instead of 40 stamps, as it was at first decided to erect, a powerful installation stamps, as it was at first decided to erect, a powerful installation of 120 stamps will be completed and fit for operations toward the middle of next year.

On the Angelo the south reef has also been developed, and the average assay value taken over a width of 3 feet is of

The July output has been declared. It is a record on; or better, it is the record of the Rand monthly production-

These figures speak for themselves, but notwithstanding sad a mathematical proof of the resources of the Rand, it is really disappointing to see how little enthusiasm has greeted the ration, and what little influence it has exercised on the set. I remember last year how the August declaration was

market. I remember last year how the August declaration was greeted—champagne was running freely, and there was so end of rejoicings. Now things go on as dull as ever, as nobody seems to appreciate the value of such a high return. Of the several meetings of companies, not much is to be said. On the Bleinfontein Gold Mining Company and Benoni 60d Mining Company there has been only a good deal of developing work going on, and there, more than anywhere else on the Rand, it will be worth knowing the structure of the ground, how the reef runs, the yield of same, and all those details which was concur to increase our knowledge of this part of the Est now the reer runs, the yield of same, and all those details what may concur to increase our knowledge of this part of the Est Rand, which has been the object of many a discussion, and to the expression of several theories, which have all to be proved, and which the several companies now developing will have be prove if it pays them or not.

We have just to hand the interim report of the directors of the Robinson Gold Mining Company for the first six months of 1896:—

The ore developed on main reef, leader, and south ref unts to 419,251 tons.

During the half-year a total of 85,699 tons main reef, minef leader, and south reef were mined and milled. The output from the ore gave a yield of 78,507 ounces, yall-

ng 18 dwts. 7.72 grains per ton.

The gross value—£291,758—and the value of yield per ton.
ras £3 5s. 9d. To this must be added the returns of the slimes' plant, which

have not been included, and which, out of 36,021 too treated, have produced 815,492 ounces of gold, valued at £30,329 44.11d. The company's income for slimes delivered, and its share d

the profits on working, has been £6037 1s. 6d.

The total expenditure, including working expenditure, appenditure on mine development, on machinery, plant, and buildings, on retreatment account, &c., amounts to £172,122, leaving a cash profit for the half-year of £168,468.

It may be expected that the returns for the second part of the year will be still more satisfactory, owing to the reduction plant being fit to treat in the same proportion both slims and sands. By the end of September this alteration will be completed, and the Rand Central ore will treat 8000 tons part of the part of the same p

Recklessness in a Mine.—An inquest was held on Moday, at West Broomwich, on John D.ckinson, miner, who died on Fridy from injuries sustained through an explosion at the Sandwell Pat Colliery, on the 28th ul\*. Mr. W. B. Scott, Government Inspects of Mines, was present.—Thomas Richards, loader at the collier, said he was working in stall No. 18 in company with Dickinson as two other men, when Dickinson went to fatch some powder blasts hole. He came back with the powder, and was carrigg lighted candle, with which he accidentally fired the powder. Deceased said the candle fell on the powder and fired it. Winsthought a sulphur lamp should have been used for the purposational contents of the proposation of accidental death.

Gold Soldwards—Dr. C. A. Mulbolland, who has been lectariff

of accidental death.

GOLD SOLVENTA — Dr. C. A. Mulholland, who has been lectrific before the Scientific Society of Bathurst (N.S.W.) on "Practical Gold Solvents," mentioned two modifications of the cyanids process, both invented by himself. The first is called by him the brome-cyanide process, and in it he employs the vapour of breeist in addition to the use of potassium cyanide. An experiment was performed to illustrate the rapidity with which gold is dissolved in a solution of cyanide of potassium who bromine is added, and the result was very striking. The gold is finally recovered in the same way as the cyanide process. The other improvement is the addition of hydrogen peroxide to solution. The object of this is to effect the more rapid oxidation of the cyanide, and consequently to shorten the time coorpied in that the natives, if the restriction, or, better, the prohibition, be applied all at once, may leave the country altogether.

Another question which has entered now on a practical stage has been the long-suggested scheme of reducing the wages to natives.

The joint committee of the Chamber of Mines, the Association of Mines, and the Association of Mines Managers held their in the ordinary cyanide process.—Australian Mining Standard.

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remen £75,00 pany, £250,0 propos a futur with b paying ship of conditi

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might la; other rep other dir. I now ho think I on goorlie, V fays:—"
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# MEETINGS OF MINING COMPANIES.

BREMNAES GOLD COMPANY, LIMITED.

Nextraordinary general meeting of shareholders in the Bremnass Gold Company (Limited) was held on Monday, at Winchester House, Mr. F. Hoddkinson presiding.

SECRETARY (Mr. C. Harrison Smith) having read the notice

The SROBETARY (Mr. C. Harrison Smith) having read the notice convening the meeting.

The CHAIRMAN stated that since the previous meeting the work at the mines had steadily progressed, with encouraging results. Bulk crushings had risen from 4½ dwts. to ing results. Bulk crushings had risen from 4½ dwts. to results. Part on, and they were in gold at every point in operation. Some might think 7½ dwts. a low average, but when the share-holders realised that it was the average of all the Band mines, with their enormous capitals, in comparison to this company's small capital, and that they had cheap labour, he thought they would feel justified in voting in favour of the resolutions, of which notice had been given. The 40,000 5s, shares created last year—when they had a capital of £400—did not meet with the reception anticipated, only 2450 shares being applied for and allotted. The balance of \$1,550 were still in the hands of the company, but for the present the board considered that a 2s, share with the suggested advantages would meet with more favour and success—the calls being made werl light—than an invitation to subscribe for those 5s, shares They had also unissued 12,000 5s, preference shares. When they remembered that their total issued capital was only £36,860, they remembered that their total issued capital was only £36,860, they remembered that their total issued capital for the Bremness Company and the a large nominal capital for the Bremness Com-completed, certainly for the present. What was wanted was suffi-cient funds to develop the mine, and the board considered that £5000 or £6000 would be ample to place the mines in a dividendition. If the shareholders wished to preserve their owner paying position. If the starcholders was not to preserve their owner-ship of this extensive and valuable property, they would certainly support the present scheme.

Mr. Daw, the chief engineer, gave a concise description of the

Condition of the mines.

Captain Honge, who said he visited the mines, not in the interest of the directors, was convinced that the company had a valuable

After further discussion the CHAIRMAN proposed the following

olutions:—

(i) That the capital of the company be increased to £75,00) by the creation of £50,00 shares of 25. each. (2) That such shares shall be called "New Ordinary Shares," and shall entitle the holders thereof to the same dividend per share as every present 5s. Ordinary share may be or become entitled to; and further, that in the event of the company being wounding the said shares shall rank equally share for share with the present Ordinary shares in the distribution of the assets. (3) That such now shares that lint he first instance be offered to the present shareholders, and in case the applications for the same shall be in excess of the number of shares to be allotted, the board shall make an allotment thereof to the applicants in proportion to their existing holdings of Preference and Ordinary shares, or as near thereto as ofrountstances will admit. (4) That such "New Ordinary shares" as shall not be taken by the members within 10 days of the issue thereof may be disposed of upon such terms and conditions as the directors may determine.

the directors may determine.

These resolutions were duly seconded and carried.

A further resolution, that the new ordinary shares should entitle the holders to the same dividend per share as the present ordinary shares, and in the event of the company being wound up, should rank equally share for share with the present 5s, ordinary shares,

### HANNAN'S CRŒSUS GOLD MINING COMPANY, LIMITED.

The first ordinary general meeting of Hannan's Crossus Gold Mining Company (Limited) was held on Tuesday, at Winchester House, Old Broad-street, E.C., under the presidency of Mr. F. M.

The SECRETARY (Mr. A. J. Bickmore) read the notice convening

The SECRETARY (Mr. A. J. Bickmore) read the notice convening the meeting.

The CHAIRMAN said; Gentlemen—As you are aware, this is the statutory meeting, which every limited company is obliged to hold within four months of the date of registration. Of course, after such a short interval, it is not always within the power of the directors to give any very satisfactory report as to the development work. I may explain to you, in the first instance, that this company was registered on May 9, and that the purchase was completed, so far as the responsibility of the company went, about a month later; that is to say, the purchase money was lodged, and as soon as the solicitor of the company reported that the title was complete and everything ready for transfer the money was handed over, and in July theproperty was duly transferred to the company. The working capital which we have is £30,000, and this at the present moment is almost latert, as, in accordance with the advice we received from the other side, it has not been thought desirable to press on the exploration work with very great rapidity as yet on account of the high cost of labour and materials, which will be very considerably reduced as soon as the railway is finished up to Kalgoorlie. For some time after we were appointed directors of this company, and until the transfer of the property was completed, we were not in direct commencation with Captain Eyre, who, of course, had no official hawledge that he was in our employ. As soon, however, as the transfer was completed we telegraphed to him telling him he was in the employ of the company, and requesting him to at once send use fall report on the present condition of the mine, so that we transfer was completed we telegraphed to him telling him to at once send in the employ of the company, and requesting him to at once send was fall report on the present condition of the mine, so that we might lay it before the shareholders at this statutory meeting. The other reports had come to us from the agents at Adelaide, and no other direct reports had reached as until we received the one which I have had a make her arrived. I do not I now hold in my hand, and which has only just arrived. I do not think I can do better than read this report to you. It is dated Kalgorile, W.A., August 5, and arrived by mail yesterday. Mr. Eyre agree in a compliance with instructions received by cable, I beg to sabmit my report of the development work done since the mine was taken possession of by the present company, and also of fature prospects." The excellent plan which you see before you has been prepared by the scerts are when you as company, and also or reture prospects. The extended plan of a possession of the transfer point of the secretary—being on a larger scale than that supplied by the manager—in order that we may be able to point out to you the very considerable amount of development that has been done upon this mine before we took possession of it. It had been in the hands of the original company for the possession of it. possession of it. It had been in the hands of the original company for some time, but, being short of funds, they were not able to push the work on as fast as was desirable. You can see from this, however, that a good deal of work has been done; in fact, more, I believe, than upon any other mine in West Australia, except the Brownhill and the Boulders. The report goes on:—"The eastern crosscut from No, I shaft has been extended 57 feet, making its total length 252 feet. It is being driven to out the continuation of the rich from No. 1 shaft has been extended 57 feet, making its total longer 222 feet. It is being driven to out the continuation of the rich telluride lode recently discovered in the adjoining mine, Block 45, and is supposed to be an extension of the celebrated Brownhill lode. The shaft on Block 45, in which this lode was found, is 500 feet soath of this name within a few feet of The shaft on Block 45, in which this lode was found, is 500 feet soath of this crossent, and, as the latter is run within a few feet of the line of hearing of that lode, we are in daily expectation of cuting it. I hope to be able to advise you by cablegram, before the date of the meeting, that the lode we are in search of has been found. On what is known as the Green lode, levels have been driven and a winze sunk, so that the lode is ready for stoping when facilities for extracting the gold contained in it are available. At present the want of water prevents any crushing being done at the company's battery, even if that were suitable for the work required of it. The extraction of the extremely fine gold contained in this lode cannot

be done satisfactorily with the ordinary crushing and amalgamating appliances; some more elaborate process is required—sither the cyanide or the smelling. Bickford's air shaft has been sunk 60 feet making its total depth 120 feet; to work the lode gone underfoot at the 60 feet level, a crosscut is now being driven towards this lode. making its total depth 120 feet; to work the lode gone underfoot at the 60 feet level, a crossout is now being driven towards this lode, and if the latter maintains the same angle of underlie that it does in the level above it should be found at a distance of about 20 feet from the shaft. The contractors for driving the eastern crossout at the 280 feet level water shaft have driven 18 feet out of the 50 feet contracted for. This work is being done in the hope that water-bearing strata may be cut in that direction, and also for general prospecting purposes. No work has heen done on Egan's lode for some months as I did not think it prudent to raise the stone and let it lie on the surface, especially under the present adverse conditions of high cost of labour, and heavy transit charges for mining materials; no doubt both will be considerably reduced after the opening of the railway to Kalgoorlie on the 7th of next month. When required for crushing, the lode can be worked and the stone taken direct to the mill, thereby dispensing with the extra handling. When sinking the water shaft, a veio of quartz about 10 inches wide was passed through at a depth of 260 feet. As no gold was seen in making it, nor obtained in the samples 'dollied,' it was considered of no value at the time, but since the discovery of the rich telluride lode in Block 45-previously referred to—the similarity in character of the stone from the vein anad the lode has been noticed. Curiosity prompted me to get a sample from the vein assayer from what the considered the most 'likely-looking' stone ton. I should say in explanation that the sample was taken by the assayer from what he considered the most 'likely-looking' stone—quarts and cale spar—so the yield given was not a fair sample of the bulk of the vein. During the currency of the contract for the bulk of the vein. During the currency of the contract for driving nothing can be done in the way of working this vein; but immediately the contract is completed I purpose driving a crosscut to the west and thoroughly test it." It is very satisfactory to hear that, because it had been a matter of some surprise to us that no work had been done on the spot where they found this very valuable ore. You see he explains the reason here. "In addition to the ore. You see he explains the reason here. "In addition to the lodes already mentioned, another one, also recently discovered, and known as the Crossas No. 1 north lode, runs through this company's property, and has been traced in the adjoining mine to within 60 feet of our boundary. This lode, when driven through in the Crossas No. 1 North Company's mine—the adjoining one referred to—was 35 feet wide, and by assay gave an average yield of 5 ounces of gold to the ton. In proof of the value set upon this lode by the company named, I may say that the latter is now sinking an engine shaft from which to work it, and that it is also about to erect a winding plant with a 10 head battery. This lode (assuming its continuity) runs through the south—eastern corner of our middle block, but so close to the corner post that it would not be worth while to sink a shaft there, for the limited extent of lode to be worked from it. No doubt it will ultimately be found in our No. 1 shaft previously referred to. It may, perhaps, be thought by you at a distance that the development work of the mine is being carried out in a dilatory manner, there being so few men employed; but I can assure you it is being done in the best interests of the company and after mature consideration. It would obviously be folly for me to sink an engine shaft—which must of necessity be a cestly moderathing—on the approach. folly for me to sink an engine shaft—which must of necessity be a costly undertaking—on the supposed line of bearing of the lode, when by waiting a month or two, and finding the lode itself, the best position for the shaft can be determined with absolute certainty. when by waiting a month of two, and inding the lode likely, the best position for the shaft can be determined with absolute certainty. Beside, I wish, before sinking such a shaft, to endeavour to so arrange it that both the Brownhill lode and the Green lode may be worked from it, and by so doing economising future working. In the former part of this report I have referred to smelting as a means of extracting the gold from the lode stuff. The smelting companies of the Eastern Colonies are sending around circulars, and offer to smelt the lode stuff in bulk or purchase it right out on its assay value, minus the usual charges and deductions. These circulars also show that, taking all charges of transit and smelting into consideration on the one side, and the greater quantity of gold obtained by the smelting process on the other, there is in 4 ounce stuff a profit of £2 per ton to the mine ounce, as compared with the cost of cartage and crushing and the loss of gold by the crushing process on the gold fields. I mention this, as it may be thought desirable to get a lot of 5 tons—the smallest quantity the smelters will treat—of our best lode stuff either smelted. With reference to want of water and the schemes proposed to sapply it, there are course, the telluride of gold ore must be smelted. With reference to want of water and the schemes proposed to supply it, there are three schemes advocated, but the one most likely to be carried out is that now being discussed in the West Australian Parliament. That scheme is to conserve the rainfall in the range near the coast, and to force the water to an elevation, whence it will be conducted to the gold fields by gravitation and supplied to consumers at a cost of 3s. 6d. per 1000 gallons. With water at that rate the cyanide process may be carried out on the field. It is now generally conceded that the probabilities of obtaining a sufficiency of water for crashing purposes on the mines themselves are very remote.—I remain, gentlemen, yours obediently, Thos. Eyre, manager." I venture to thick men, yours obediently, Thos. Eyre, manager." I venture to think that that is the letter of a sensible man; indeed I, as well as the other directors, consider it a very satisfactory report, as the first one that has come to us from the mine. With regard to the ore itself, we have ordered 10 bags of ore from what they call the Green Wa think it advisable to have likelf, we have ordered 10 bags of ore from what they call the Green lode, and it is now on its way home. We think it advisable to have some over here, that we may have it assayed, and ascertain what, according to the opinion of experts here, is the best possible way of treating the ore before going to the expense of erecting a mill, cyanide plant, or anything of that kind. I may say we received yesterday the following cablegram from Captain Eyrs:—"70 tons of over the dayne estimated at about 5 ounces per ten. Oca in ore on the dump, estimated at about 5 ounces per ton. Ore in sight is calculated at 10 ounces per ton. Not possible to estimate ore in sight, only level driven, height unknown. There is practically no change to report." We have given you all the information which is in our possession as to the present position and the prospects of the mine. As I have said, I regard the report we have received as very satisfactors. We are in possession of ample means to proceed the I have said, I regard the report we have received as very satisfactory. We are in possession of ample means to prosecute the development of this property upon a large scale, and we fally intend that it shall be worked in the most effective and business-like manner, and, moreover, with the greatest rapidity possible. Mr. Schmettau reminds me that the Bill voting £2,500,000 for supplying water on the Coolgardie gold fields has just been passed by the West Australian Legislature. If any shareholder wishes to ask any crestions I shall be glad to give him any information at our discountries. West Australian Legislature. If any shareholder wishes to ask any questions I shall be glad to give him any information at our disposal. I forgot to mention that our colleague, Mr. Hurst, is out at the mine now. We should probably have heard from him before, but he was laid up with enterio fever very shortly after his arrival there. I am happy, however, to say he is getting better now. He has authority from the board here to deal with any special matters which may arise on the spot, without waiting for instructions from home.

Mr. Harris said he saw in a financial newspaper the other day that a sallegisted took and the same attack in this ripe at the 300 feet.

that a telluride lode had been struck in this mine at the 300 feet level. He enquired if that was so. The CHARMAN: That is no doubt what I referred to just now, The CHAIRMAN: That is no doubt what I referred to just now, that at about 280 feet they came across this small lode 2 inches wide—which had been thrown away as worthless—it being new ore not known to any of them. Subsequently to the discovery in Block 45, Captain Eyre had some of the stuff analysed, and found it was telluride of gold and very rich; but he explains that no further steps had been taken because the contract for sinking was not complete.

Mr. Harris: What was the extreme value put upon that lode by

assay?
The CHAIRMAN: That I cannot tell you. I only know that 13½ onnose or some such figure is mentioned.
A yote of thanks was accorded to the CHAIRMAN, who, in acknow-

ledging the compliment, expressed the hope that at the next meeting the directors would be able to give the shareholders some very satisfactory information. Everything, he said, pointed to this and personally he had no doubt that this mine would be one of the great

es of the West Australian gold fields proceedings then terminated, The proceedings then terminate

### HANNAN'S KALGOORLIE PROPRIETARY, LIMITED.

The first ordinary general (statetory) meeting of the shareholders of the Hannan's Kalgoorlie Proprietary (Limited) was held on Wednesday, at Winchester House, Old Broad-atreet, E.C., under the presidency of Mr. R. J. PRICE, M.P., the Chairman of the company. The SECRETARY (Mr. E. W. Ayers) read the notice convening the meeting.

neeting.
The CHAIRMAN said : Gentlemen—I am glad that, notwithstand. ing the particular period of the year at which this meeting has fallen to be held, there is such a good muster of shareholders present. We have held it as late as we could, hoping for the latest information and the largest attendance possible, but the exigencies of the law are such that we could not postpone it any longer. It believe the first thing to say at such a meeting as this is to remind you that this is a statutory meeting, and that there are no accounts to be presented or report to be received by the shareholders, and I will transact that formal duty. You are aware that the date of allotment was May 22 last, and on that day the directors proceeded to allot the whole amount of the capital to 484 shareholders, so that we may be said to have a full list of shareholders. The transfer of the property is in process of heigh completed. It is not yet completed. we may be said to have a full list of shareholders. The transfer of the property is in process of being completed. It is not yet completed owing to various causes of delay, but we expect to have it completed very shortly. As regards the other business matters, I may say that a settlement on the Stock Exchange for the shares has been granted us, and will take place on the 15th of this month. With regard to the property generally, it will be in your recollection that the prospectus put it forward to you and the public at large as a development company—a company that had large properties, amounting in all to 430 acres, in a very well known mining district, and a property that contained great elements of hope, but on which comparatively little development had been done, and where, therefore, certain facts were in less proportion than the speculative element of hope. I am glad to be able to tell you that from the date of allotment to the present time the balance has been rapidly growing in the other direction, so that at the present moment I think we can truthfully say that the ascertained facts are very much larger than they truthfully say that the ascertained facts are very much larger than they were, and the speculative element is smaller in proportion, because properties like ours, on which little work had been done, have now been developed to a considerable extent, and, almost uniformly, been developed to a considerable extent, and almost uniformly, most excellent results have been shown. It was only the day after the allotment took place, on May 23, that we received a cablegram about the Zealandia portion of our property from the manager. He reported that the Zealandia shaft—at that time there was only one shaft—"has reached a depth of 56 feet, crosscut 30 feet; have struck the lode, 5 feet wide; we are not yet through visible gold." That was very encouraging for a new corporation. Since that time we have received cablegrams about not only the struck the lode, 5 feet wide; we are not yet through visible gold." That was very encouraging for a new corporation. Since that time we have received cablegrams about not only the Zealandia, but the other properties which have appeared from time to time in the financial newspapers, but which I will refresh your memory upon. On June 18 we received a cablegram referring to the Zealandia property to this effect:—"George Gray reports Zealandia properties developing splendidly; he is much pleased with; recommends vigorous development; suggests you remit immediately £5000, enable him push ahead with." We entirely coincided with his suggestion of vigorously development, and we did not hesitate at once to cable him the necessary funds for making that vigorous development; for, although we have a very satisfactory working capital of £75,000, so no doubt the shareholders are aware; still, even with £75,000 you cannot afford to let the grass grow under your feet. You must work hard, and develop your property az well as possible, so as to be able to take advantage of any favorable opportunity of the market for disposing of them. On June 23 we received our first substantially long letter on the subject since our allotment, which gave us an account of how the properties on the other side—what we usually call the 162 acre group—were situated. On that group at that time they had been working shafts in all portions of the property. It was, however, a distinct part of the board's policy to concentrate their efforts as far as possible where the most favourable indications existed, so as, as early and as cheaply as possible, to be in the position of being able to early and as cheaply as possible, to be in the position of being able to offer properties to the market. It was discovered that the best of the developments were showing in Lease 1178, which is called the Russell. From time to time we have received information about this lode or series of lodes, and there is no doubt, I think, now that there is a very well developed and a very large and valuable property, consisting of the middle possion of this block—the Bockhampton, the Russell and the Blackall. With reference to this block, Blackall 1190, I find on June 23 that "Six men are still employed here in driving the crosscut east, which is now in a distance of 76 feet, 35 feet of which has been through lode formation, being similar in character to that in the crosscut west of No. 2 shaft, and will pan off about the same." In that connection it becomes useful to know what was met with in the crosscut west of No. 2 shaft, No. 2 shaft being on the same." In that connection it becomes useful to know what was met with in the crosscut west of No. 2 shaft, No. 2 shaft being on the Russell property. You will see from the plan on the wall that they have been driving a crosscut west from No. 2 shaft, "and are now in 13 feet 6 inches, 12 feet of which is in a lode formation, equal in appearance to anything that can be seen on the field." Then our manager goes on to say he does not hesitate "to forecast a future of prosperity for this property, not exceeded by any others which I am at present acquainted with on the field." We get from that letter of June 23 a good deal of comforting and satisfactory information. The next letter I turn to was received on July 10, and ,with reference to the Russell property, we gather from it that an additional 18 feet 6 inches have been driven, "now making a total of 29 feet 6 inches from crosscut. The lode formation continues unaltered since my last advices, and bears every appearance of promise." Then we go on to learn with reference to the No. 2, or west shaft, about which I spoke a moment ago, that it has been driven a further distance of 24 feet 6 inches since last report, "making a total of 35 feet from the shaft, showing a lode formation of no less than 36 feet 6 inches in width, without yet meeting with the hanging-wall." That, you see, is a very large and sub-tantial lode deposit, and when you hav, as I shall tell you presently, that practically in the whole of that deposit there is a good showing of gold, I think you will agree with me that the properties we are developing are opening up most admirably and most splendidly. When the company commenced operations there were a development shaft or two on the Russell property, but comparatively little elso work was done, except surface work. At the present moment there are eight shafts in that paroperty, but comparatively little elso work was done, except surface work. At the present moment there are eight shafts in that par-ticular part of the property 180 feet deep, and in the majority of those shafts excellent discoveries have been made. On July 21, we received information showing that the properties were developing well, and not falling off in any particular, and finally stating that the manager was immensely pleased with what the developments showed. On August 14 we received a cablegram from our agent, Mr. Saunders, with reference to the Brackall, 1190. He says:—
"Lode formation 99 feet wide; stone better than hitherto landed;
makings of fine property from day to day demonstrated." It
you remember the terms of the prospectus, you will recollect makings of fine property from day to day demonstrated." If you remember the terms of the prospectur, you will recollect that one of the inducements which the directors held out to shareholders to come in was that Mr. George Gray was going to be the mining manager of the company. It was his report which, no doubt, obtained the greatest amount of confidence in the City of London. The directors thought that the fact that Mr. George Gray was going to act as mine manager ought to give confidence to the general public—that the man believed his own report—and, in point of fact, immediately after the directors commenced operations they appointed Mr. George Gray as mining manager. We now have the latest information on the subject of the mines from Mr. George Gray himself, who has visited the promenced operations they appeared an arrival on the subject of manager. We now have the latest information on the subject of the mines from Mr. George Gray himself, who has visited the property, and made his report. I will read the cablegram in full, which is dated September 3:—"Kalgoorlie, Large amount exploration work has been already carried out on the company's property.—Zealandia, situated north of Corsair country. Five lines lode have been proved, the most promising lode as yet being interesected on the Waihi; again met with on the Porirua shafts sunk 100 feet, where obtain good prospects with increasing depth; nuriferous quality of the lode improving. Tuapeka splendid lode 27 feet wide cut at a depth of 57 feet; same lode discovered in this. Wanaka,

secontinues sinking, formation becomes more solid; proportion fine gold it carries increasing. Waharos, large formation carrying fine gold now being sunk upon blocks in this group new being developed well; we are following lodes, hoping open richer shoot than yet exposed in this company's group. Western side Hannan's ore belt work has been also exploratory description. Ressell, three parallel lodes have been discovered, and have been traced through other blocks both north and south; eastern shaft sunk. 104 feet driven, expect to cut vein within the next few feet sunk, 104 feet driven, expect to cut vein within the next few feet along lode, which is gold bearing; western shaft 13 feet below water level, as sinking proceeds supply increases, lode carries gold." That is not only satisfactory as regards the gold, but I am sure all of you who have experienced West Australian mining will know that is very eatisfactory as regards water. "Rockhampton north shaft crosscut at a depth of 105 feet; this has proved lode great width, composed of very kindly looking material; pannings give good results; Little Boulder lode has been traced running through property; samples form Little Boulder lease same lode assay 3 cances per ton. Another extended lode formation has been opened. Blacks! showing colours in this dish. I advise you strongly showing colours in this dish. I advise you strongly place upon property steam hoisting machinery and pump concentration labour both groups granted." I think the share holders will agree with me that this is a very satisfactory cable gram. (Applause.) We now have the railway completed up to the property, or, rather, up to Hannan's field. We are getting water, and the water is increasing as we go down. Instead of having nothing to offer to the public, we have got, as far as I can see, at nothing to offer to the public, we have got, as far as I can see, at least six or seven properties which are opening out sufficiently well to be capable of being honestly offered at a good profit to this company, whenever the market shows signs of receiving them. I am told by people who pretend to know more about Stock Exchange and City matters than I do, that in all probability there will be a more lively market for mining shares within a very short time. Whenever it comes we are ready for it. If it comes soon we have got our properties well developed, and the development is increasing and improving every day. If it comes late we have a substantial working capital; we can afford to go on working and proving, conscious that the more were spend on our property the more we stantial working capital; we can afford to go on working and proving, conscious that the more money we spend on our property the more we shall be entitled to ask for it and to get for it when we come to sell it. That I believe to be a perfectly true and unbiassed statement of your affairs. I am very glad to be able to speak so well of the properties. I hope that at other meetings which I shall have to address I will have a no less satisfactory report to present to the shareholders than I have had the pleasure of presenting to-lay. Up to now everything has gone as well as we could possibly expect; your directors are fully aware of the exigencies of the occasion, and I can assure you that they will lose no opportantly of doing the very best they can for your property. (Applause.)

(Applause.)

Mr. HERBERT MOIR said that when he was in Western Australia Mr. HERBERT MOIR said that when he was in Western Australia he went over the property of the company, and he wished it belonged to Hannan's Proprietary Company instead of to the Hannan's Kalgoorlie Proprietary (Limited). (Laughter.) They had a very fine ironstone formation going down, and it had every appearance of becoming a very valuable property indeed. The cablegrams which had been read by the Chairman had special interest for him, because whenever they had a success, the property in which he was interested was almost sure to have it, for they claimed to have the same lodes on their property. He congratulated the shareholders upon having what he believed to be a very valual le group of mines same lodes on their property. He congratulated the shareholders upon having what he believed to be a very valual le group of mines indeed.

Colonel PARRY NISBET proposed a vote of thanks to the Chairman and directors, and remarked that what the shareholders had heard

Mr. Hamilton seconded the motion, which was carried unani-

mously.

The CHAIRMAN, in acknowledging the compliment, said the directors were glad to hear from Mr. Moir so excellent an account of the property. What they had heard from Mr. Moir was the evidence of an eye witness to the value of the Zealandia group of their property. He (the Chairman) believed the other group was not inferior in value to the Zealandia, and he looked forward in the most hopeful spirit to the fatere of the company. (Applause.)

BULLION CORPORATION, LIMITED.

The statutory general meeting of the Bullion Corporation (Limted) was held on Wednesday, at Winchester House, Old Broad-street, B.C., under the presidency of the Right Hon. the Earl of Kintoer, G.C.M.G., Chairman of the company.

The Chairman said: Gentlemen—This is, as you are aware, the first general meeting of the Bullion Corporation (Limited). The capital allotted was £100,000, and arrangements are completed for capital should be appreciated of the remaining £50,000. We were Inst general meeting of the Ballion Corporation (Limited). The capital allotted was £100,000, and arrangements are completed for securing the subscription of the remaining £50,000. We were incorporated on the 6th day of May this year. Your directors have consequently under four months' work to review, and a very terse and simple statement on my part will cover the ground. I am proud to be able to say that the board can look back on that short period of four months with a considerable amount of satisfaction. At the present time the position of the corporation is such that the board would be warranted in declaring a substantial dividend, though they consider the be-t interests of the shareholders will be served by not being too precipitate in such action; they have, therefore, decided to postpone temporarily any division of profit. This (osition, you can easily believe, causes much gratification to your directors, considering that, as I have said, barely four months have passed since the incorporation of the company, and that those four months have been months of comparative deliness in West Australian affairs. It is expected that in the early f.ture we may have considerably more activity, and that the present sound and conservative position of the Bullion Corporation will enable your directors, when more active times come, to take full advantage of all financial opportunities that may arise. We shall be able to do this, because your board has always made a cardinal point of keeping the capital of the company in as liquid a condition as possible, believing that it is better to earn firm smounts in actual cash than large page. your board has always made a cardinal point of keeping the capital
of the company in as liquid a condition as possible, believing that
it is better to earn firm smounts in actual cash than large paper
profits. (Hear, hear.) I may also say that your board has, in the
past, and will in the future, continue to be extremely careful not to pledge the corporation to large promotion schemes, only indulging in such projects when placed before them under extremely favour-able circumstances, for gentlemen, we hold that the first object of the corporation is to deal with financial matters, as all really conof the corporation is to deal with financial matters, as all really conversant with the exigencies of a new mining centre must be fully aware that this is a more sound and more profitable besiness than actual promotion. Already your board has obtained for the corporation a position in several very important financial undertakings in conjunction with some of the most powerful and friendly West Australian financial associations with which it has connected itself in business matters. The profits arising from these transactions

### WEBSTER'S FIND, LIMITED.

The first general (statutory) meeting of the shareholders of Webster's Find (Limited) was held on Toesday, at the Great Eastern Railway Hotel, Bishopsgate-street, E.C., under the presidency of Mr. T. H. WATSON.

The SECRETARY (Mr. R. Larchin) read the notice convening the

dency of Mr. T. H. WATSON.

The SEGRETARY (Mr. R. Larchin) read the notice convening the meeting.

The CHAIRM M said; Gentlemen—I think that a great many chairmen of companies in London would be very glad indeed to occupy a position such as I occupy this afternoor, as you will find from the statements that I shall have the pleasure of laying before you. At our statutory meetings, as a rule, there is very little that people can take hold of and carry away with them; but to-day, pursuing the course I have already done, and that my colleagues back me in doing—viz., giving you all the information that we have ourselves—I think you will have something that you can carry away upon which you can reflect, and which, I think, will probably please you as you refl et upon it. This company was registered in May last. The property is situated about 150 miles from Coolgardie—not an unreasonable distance, in a country like that, for our general manager, Mr. Sheilaw, to travel to supervise the mine, along with the other mines he has in hand. The Niagara district—which is the district where our property is situated—is coming very much to the front, and I think I may say, without fear of anyone demuring, that in the Niagara district there have been discoveries made of reefs quite as rich as any that have yet been found in Australia. I think that perhaps among those in the Niagara district we may venture to assert that there are none richer than our own; there may be others as rich, but I do not think that there are any that are richer. This property was discovered, proved, and secured by Mr. Webster, a gentleman well known to Mr. Sherlaw; and having proved it, and having thought it worth his while to secure it, he went down to Coolgardie and submitted the property to Mr. Sherlaw, who was very much pleased with all Mr. Webster had to say with regard to it. Having heard what he had to say, the next thing was not only for Mr. Sherlaw to get the offer of it, but to make sure that it would not be offered to anybody else until he retu offer of it, but to make sure that it would not be offered to anybody else until he returned from inspecting it. He then had the offer of it on behalf of the Coolgardie Syndicate, and he having inspected it. I think I may venture to ray, from what Mr. Sherlaw both cabled us and wrote us afterwards, that he found the property quite as favourable as anything that had been said about it; indeed, the most favourable account that Mr. Webster gave of it himself was fally proved by Mr. Sherlaw's visit, and he was so thoroughly satisfied with what he had seen that he went back to Coolgardie, met fally proved by Mr. Sherlaw's visit, and he was so thoroughly satisfied with what he had seen that he went back to Coolgardie, met Mr. Webster again, and, on behalf of the syndicate, purchased the property from Mr. Webster. Mr. Sherlaw wrote in as high terms, and evidently in as good spirits as ever he has written to us since he went out to Western Australia. In the property itself there are two leases, containing together 32 acres. Most of you will remember that you had a rough sketch of this property sent you. It was only a rough sketch, but I think it gave you a very good idea of what it was like. To-day, however, we have at the office a correct plan of the property, which, though it may vary a little, does not alter what you might have gathered from the rough sketch that was sent to you. After some further development under Mr. Sherlaw's direction, this property was sold to this compuny—the Webster's Find—and I think I may say that one gentleman in our office made a very happy hit when he called it the Webster's Find. Well, we have given that name to the company, and I believe that Webster's Find will turn out to your satisfaction as thoroughly as anything in which you have ever invested your money. (Applause.) The capital of the company is £75,000, in shares of 10s. each. The company was brought out by the Coolgardie Syndicate, who bore all the expenses up to the time of allotment; and I am very happy to say that, although we never issued a prospectus, never put an advertisement in a roaner and never sent to anyone outside our own. expenses up to the time of allotment; and I am very happy to say that, although we never issued a prospectus, never put an advertisement in a paper, and never sent to anyone outside our own little group—that is, the group with which my colleagues and I are associated in the office in Broad-street Avenue—we had applications from shareholders in our several companies for 52,369 shares. (Applause.) I think that as an onset from those with whom we had been working previously, and who evidently had at any rate some measure of confidence in ur, speaks well for the estimation in which they held the directors of the company. I may now say that since the acquisition of this property the from those with whom we had been working previously, and who evidently had at any rate some measure of confidence in ur, speaks well for the estimation in which they held the directors of the company. I may now say that since the acquisition of this property the developments have proved not only equal to the best representations that were made to us—some of these you will find in the prospectus, the sheet annexed to the prospectus of the company giving reports both from Mr. Sherlaw and others—but since we took possession of the property they have fully proved the correctness of these statements, and have even gone beyond them. The property has turned out richer and better than we anticipated, or, at least, than we were given at first to understand. I may here remark that Mr. Sherlaw is not a man to exaggerate any point, however good it may be. If it be very good it does not need exaggeration. If it be mediam there are men who would give a little extra colouring to it to make it look better than it actually was. Mr. Sherlaw is not that man. I believe that rather than overstate any, thing pertaining to a property which he was putting before his own syndicate he would rather understate it, so that we might be on the safe side in any purchase we made. In connection with this property, the machinery required has already been ordered. I expect it is now on its way, and we are hoping shortly to hear of its arrival on the mine. The money to pay for it has been sent to Mr. Sherlaw, so that we are in no debt as regards the machinery. The transport, Mr. Sherlaw tells us, is comparatively easy, although the railway has not reached there yet. I may say he is expecting the railway to pass very near the property, and when that takes place transit to and fro, whether it be of anything we require on the mine, or anything we have to send from the mine homeward, will be very easy and cheap. To-day, of course, the cost of transit is somewhat heavy, but the roads are pretty good, and the transport is comparatively easy, if not chea we so required to take it. But we are not needing to take it from there. To conduct the water by pipes and dykes and so forth for three or three and a half miles would have been comparatively expensive; but in an adjoining mine they struck an ample supply of water at a depth in the shaft of 85 feet. Mr. Sherlaw heard of this, and it was not very long before he was again in the Niagara of water at a depth in the shaft of 85 feet. Mr. Sherlaw heard of this, and it was not very long before he was again in the Niagara district, looking after this particular property. Having ascertained for himself that there was there a supply of water sufficient for all our requirements, he made arrangements for securing this additional property. (Applance.) I think it speaks well for his foreight and forethought that he should at once have attempted. Australian financial associations with which it has connected itself in business mattery. The profits arising from these transactors your board has not in any way discounted in the framing of the statement, which I now make to this meeting. I may just add, as an instance of the interest taken by various members of your board in the welfare of your corporation, that at the present moment one of your directors is in Western Australia devoting himself solely to the interest so the corporation in conjunction with one of the interests of the corporation in conjunction with one of the interests of the corporation at home, as consulting engineers employed by your board. This leads me to men indication of the condence the owners of that additional property, but I may any adjourned to dition to the confidence the owners of that additional property, but I may any adjourned to dition to the capital of this present company, as he arranged for the whole payments for its purchase. He bought the property, but I may say adjourned to dition to the confidence the company, (Hear, hear.) That is an indication of the confidence the owners of that additional property by the corporation at home, as consulting engineer, the services of the well-and the property of th

admit that we are not in a very bad porition, especially when I tail you that, in addition to all that, we have to-day in the bank, wiscout having made any further call, a banance to our cresh, wiscout having made any further call, a banance to our cresh, wiscout having made any further call, a banance to our cresh, wiscout having made any further call, a banance.) I will read you to latest cablegram we have received. It is dated the 5th of the present month, and reads:—"The development fully justifies the expectations we have formed. There is a total of 700 too quartz mined from all places, and developed ready for stoping 600 tons. Preparations to erect the stamps are now being made. Actioinate no difficulty water. Barton, surveyor, made capity examination, and promises first gold bars by Christmas, (Applane) Now, we were registered in May, and we expect to have our fat gold bars within seven months of the date of registrating. There are very few companies, either in Australia, or anywhere is that can say the same thing. We have been pushing on this workor Mr. Sherlaw has, under our instructions—as fast as we could well do, and it is our intention not to deviate one iots from its stand that we have already taken. We intend as much vigour between the stand of the date of the stands. well do, and it is our intention not to deviate one lots from in stand that we have already taken. We intend as much vigour to be thrown into the prosecution of the work in the future as we have been throwing into it up to the present. (Applause.) If in what have said there is anything I have not made clear, I shall be glad to answer any question any shareholder may be pleased to ak.

A SHAREHOLDER said he supposed that though the Chairman had mentioned that some 52,000 shares had been taken up by thus interested in the directors' group, there had been a great many other shares issued.

The CHAIRMAN: Of course, the original sale to this or

shares issued.

The CHARIMAN: Of course, the original sale to this company by the parent syndicate absorbs a considerable number of additional shares beyond what I mentioned, but the 52,000 have been actually subscribed for by the shareholders of our different companies.

The SHAREHOLDER: There is a large difference between \$2,000 and \$150,000. The total capital is \$150,000 shares, so that there must be more than \$90,000 somewhere else.

The CHAREMAN: We reserved \$5,000, or £25,000, for working capital, and that has been subscribed, and the parent syndicate in prepared to take all its purchase money in shares. We has thus our working capital and £1160 in addition.

Mr. RUGG moved that a hearty vote of thanks be given to Mr. Watson for so ably presiding over the meeting.

Mr. LITTLE seconded the motion, and suggested that if the Chaleman would be good enough to give the shareholders a dividend and Christmas they would be very pleased. If such payment sees done in connection with mining companies in West Austalia.

The resolution was carried unanimously, and
The CHAREMAN said; I am very much ob igod to you for purkind expressions. The seconder of the resolution suggested the payment of a dividend about Christmas. Well, I am afraid that can hardly be accomplished, but if the gold returns to Chrismas un sufficient to warrant it, immediately after we receive them you shall have a dividend. (Applause,)

The proceedings then terminated. have a dividend, (Applause,)
The proceedings then terminated.

### LEVANT.

A 16 week's meeting of Levant shareholders was held on the mine on Tuesday, Major White, the purser and manager, pre-

siding.

The accounts showed labour costs amounting to £7923 4t. 4t; merchants' bills, £2586 15s. 5d.; coals, &c., ex-ship bend, £986 14s. 10d.; rents, rates, and taxes, £87 19s. 7d.; interest and commission, £91 8s. 11d.; total, £11,676 3s. 1d. On the other side 125 tons 7 cwt. 3 qrs. 21 lbs. of tin had sold (after deducting dee) for £4864 6s. 11d., 1430 tons 3 qrs. of copper for £5503 0s. 7d. and 55 tons 1 cwt. 2 qrs. of arsenic for £408 8s. 1d.; by carriage of tax 10 1s. 4d.; copper ore, £475 15s. 11d.; arsenic, £97 15s. 11d.; discount on merchants' bills, £31 19s. 10d.; total, £11,391 8s. 11d. showing a loss on the 16 weeks of £281 14s. 2d., and a present balance against the adventurers of £1052 19s. 5d.

The agents' report stated:—

The agents' report stated :-

past.

Mr. F. OATS, speaking as a large shareholder, referred to the repeated losses which necessitated paying interest to the bankst. He thought it was time that a call was made.

The CHAIRMAN said shey had not made a call far 10 year, he he did not think they would find themselves in a worse position than they were at present even if they made no call.

Mr. OATS moved that a call of far per share he made. an they were at present even if they made no Mr. OATS moved that a call of 5s. per share b Mr. Sharles seconded the motion, and it was c

CHAIRMAN said that on a share list of 2385 shares the call

The CHAIRMAN said that on a share list of 2355 shares in Sawould bring in £600.

The call was ordered to be paid by O.t. bar 8.

Mr. H. OLDS said he did not think they should let the opportunity pass without congratulating the committee on the work list had done during the past. They had been of great benefit to the mine, and shareholders, even if only through the introduction of tin ticketing. The sale of their tin had been something like 2 last less than for the last 16 weeks, and yet the cash received was £200.

The CHAIRMAN: The average last time was £37 2s, 61., as com-

ared with £39 11s. now.

Mr. Olds said that was about £2 10s., despite the most m prices of tin that had reigned. He wished to return what they had done, as he thought their action had meant £2000 to

Mr. OATS said that whatever had been done in the way of ticking had been done on the suggestion of Mr. T. B. Bolitha. Single man on the committee was entitled to any particular prise

On Wed Company chair. Followi pay from January, 1 £280 6s. £11 2s. 8d 2 qrs. 7 lb. Cornwall tin leaving £213s. 6d. of £113 O Mr. Ray The CH

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company), they were a tions of the that the greater experience of about the company of the compa meeting la bet he migi was getting larger, and same, hopes the shareho a more satis seconded th

Meetings were held a authorising ingliquidat capital of th

there was a great improvement in the lode there, and he anticipated there was a great improvement in the lode there, and he anticipated that it was something they could look forward to as a permanency. (Hear, hear.) They had to meet the shareholders that day with a (Hear, hear.) They had to meet the shareholders that day with a loss, but after all he thought they as agents, as well as the adventors, had every cause to congratulate themselves that they had not made the loss in their regular workings. For instance, they had made the loss in their regular workings. For instance, they had not be the standard of the standard for the standard for might say that two boring machines going, and roughly speaking he might say that so less than £100 a month was required to keep those machines no less than £100 a month was required to keep those machines hey were hopeful that something good was before them, and no doubt they would reach the top of the hill and again enjoy the sunshine they would reach the top of the hill and again enjoy the sunshine they had, as yet, no benefit at all. When at work, and from that they had, as yet, no benefit at all. When at work, and from that they had, as yet, no benefit at all. When at work, and from that they had, as yet, no benefit at all. When at old if they could pull through for a little time, they would see a different and a brighter time. (Hear, hear.)

Mr. F. OATS proposed the health of the purser, Major White, He sgreed with the Chairman that Levant could not raise tin regardless of price like they said they could at Dolcoath. If they could less of price like they said they could reduce the cost of raising the notemand better prices they could reduce the cost of raising the mineral by adopting steps in the way of introducing improved

igneed whether said they could at Dolcoath. If they could less of price like they said they could reduce the cost of raising the miseral by adopting steps in the way of introducing improved machinery and the cost of breaking. That they were doing, and ultimate success would be the result. The revival in Cornish mining would come, they might depend upon it, and he urged them not to be so pessimistic in their view of the situation. (Hear, hear.) He did not believe that tin could be produced throughout the world at the price it was to-day for any length of time. Tin never did stay at a low price; and he did not think it would remain at its present price. If they were only able to put their house in order they would have success in their operations. It should also be remembered that at present Cornish mining could not bear the hard hand from anybody, whether bankers, lawyers, merchants, or workmen. (Applause.) Their wish was to struggle through the crisis in Cornish mining with such disposition as they had left, and as they in Levant were working harmoniously together he hoped they would be successful in passing through it. He was sure if the plans suggested by the captains were carried out their returns from underground would be increased 20 or 30 per cent. At present their labour was in great part wasted in useless energy, and the proposed machinery would go a long way towards preventing that. They were now spending underground, in spite of the bad times, more money at Levant than had ever been spent for 10 years, and that was the spirit in which the mine should be worked, and which would enable them to pull through the depression which might last for another two or three years.

Maice Wurst smitably responded, and shortly afterwards the

or another two or three years. Major White suitably responded, and shortly afterwards th

### WHEAL BASSET MINE.

On Wednesday a general meeting of the Wheal Basset Cost-book Company was held at Tabb's Hotel, Redruth, Captain OATS in the chair.

ollowing is the statement of the liquidator's accounts: Labour pay from January to February, 1896, £1537 1s. 1d.; supplies for January, 1240 tons of coal, freight, &c., £775 3s. 2d.: other supplies January, 1240 tons of coal, freight, &c., £775 3s. 2d.: other supplies, £280 6s. 9d.; Mr. A. F. Basset, £600; stannaries assessment, £11 2s, 8d.; total debits, £3203 13s. 8d.—Credits; 78 tons 9 wts. 2 gn. 7 lbs. of black tin sold realised £2934 14s. 11d.; Devon and Comwall Bank interest, and ditto on guarantee fund, £79 8s. 6d.; televings, £31 4s. 3d.; discounts, £42 12s. 1d.; extra carriage, £213s. 6d.; total credits, £3000.18s. 3d., leaving a balance of profit of £13 0s, 5d. The available balance is £5315 8d. 3d.

Mr. REFDLE read the notice sent out by the liquidator, in which creative had himself acted.

he had himself acted.

AIRMAN said that he desired to explain that the £5200 was not to be carried over in cash; it was spent, according to agree-ment with the new company, in the development of the mine. The shareholders in the old company would receive shares in lieu thereof. He hoped the new company would have a successful career

On the motion of the CHAIRMAN the report and accounts were

The Chairman proposed a vote of thanks to the liquidator, Mr Redic, for the prompt manner in which he had transacted the seale, for the prompt manner in which he had transacted the sealess connected with the transference of the mine, and that the Deron and Cornwall Banking Company be also thanked for the induces, courtesy, and promptness which had characterised its lealings with Wheal Basset.

Mr. Carrer seconded, speaking eulogistically of the manner in which the accounts had always been placed before them.

The vote was passed, and Mr. RENDLE suitably replied.

Dr. PERMEWAN thought they should express their thanks to Mr. Oats, who they were sorry to learn was about to leave Cornwall. If is had not been for the determination and business capacity of Mr. Oats the mine would not probably be now working. (Hear, hear.) He deserved the thanks not only of persons in the neighbourhood of Redwith but the county.

se county.

An wished there had been some semi-public recog

Dr. TERMENAN WISHER there had been some semi-public recog-nition of Mr. Oats' forethought and work.

Mr. Assort, jun., seconded, and the thanks of the meeting were passed to Mr. Oats, who, in reply, said he had done what he could to tere abuses in the management of the mine, and carry it on on to care abuses in the manag proper business principles.

GOLD REEFS OF WESTERN AUSTRALIA (LIMITED). An extraordinary general meeting of the Gold Reefs of Western Asstralia (Limited) was held on Wednesday at the Cannot Sirest Hotel, to confirm a resolution authorising the winding Strest Hotel, to confirm a resolution authorising the windingup of the concern, and appointing Mr. E. Dawson as liquidator.—Sir John Campbell, as Chairman of the company,
took the chair, whereupon Mr. Doit moved, and Sir
Francis Milman seconded, a motion to the effect that Mr. Dawson
should preside.—To this an amendment was proposed by Mr.
Chatfield in favour of Sir John, but as there was no one ready to
second this, Mr. Doit put his motion, and duly declared Mr. Dawson
vided to the chair.—Mr. Dawson called upon the secretary to read
the notice convening the meeting, which having been done, the
Chairman said that previous to the opening of the meeting there
habeen a discussion as to who was to preside. Their business was
to confirm the resolution set out in the notice which was passed
manimously at the previous meeting, and which was duly constited. He accordingly submitted a motion to that effect, which was
to one put and declared carried.—A vote of thanks to the ChairManistering the content of the chair of at once put and declared carried.—A vote of thanks to the Chairminated the proceedings.

CAPE ASBESTOS COMPANY (LIMITED).

The third ordinary general meeting was held on Monday, at lachester House, E.C.—Mr. L. Breitmeyer (the Chairman of the Winchester House, E.C.—Mr. L. Breitmeyer (the Chairman of the company), in moving the adoption of the report and accounts, said they were most exhaustive, and gave full information of the operation of the company during the past year. He was sorry to say that the gross profit had been swallowed up by administrative and other expenses in England and South Africa, and the result was a less of about £600. He regretted this still more because at the meeting last year he held out hopes which had not been realised; tet he might state, as a matter of satisfaction, that their asbestor was getting more known. The consumption was every day becoming larger, and their position, which did not look brilliant, was, all the man, hopeful, and he trusted that when he next came to address the shareholders at the annual meeting, he would be able to place a more satisfactory statement before them.—Mr. F. Oats (a director) seconded the metion, which was carried unanimously.

THE OCEANA AMALGAMATION.

THE OCEANA AMALGAMATION, THE OCEANA AMALGAMATION.

Meetings of the Africana, Oceans, and Austral-African companies were held at the various offices, on Traesday, when the resolutions authorising the voluntary winding-up of the concerns, and appointing liquidators to distribute among the contributors their shares in the capital of the Oceana Consolidated Company, were confirmed.

### CRŒSUS NORTH NO. 1, LIMITED.

The first ordinary general (statutory) meeting of the shareholders in Crossus North No. 1 (Limited) was held yesterday, at Winchester House, Old Broad-street, E.C., under the presidency of Major J. EUSTACE JAMESON, M.P., the Chairman of the company.

ACE JAMESON, M.P., the Chairman of the company.
SECRETARY (Mr. H. C. Heywood) having read the notice co

The SECRETARY (Mr. H. C. Heywood) having read the notice convening the meeting,

The CHAIRMAN, who seemed hardly to have recovered from his recent illness, said: Gentlemen—This, as you are aware, is the statutory meeting of the company, which was incorporated on May 27 last. A statutory meeting is in no sense a controversial meeting, but a meeting held in order to comply with the Act; it gives your directors an opportunity of meeting the shareholders, and of taking them into their confidence by telling them what they have done for the company, and how its affairs are progressing. The property acquired, which, as you know, is situated on the Kalgoorlie field and on the same line of reefs as numerous other valuable mines, is lease No. 238 E, known as the Crosus North No. 1. Possession of the property has been given to this company, on whose account it has been worked as from May 27 last. But a short time has elapsed since the acquisition of this property, and I think I am able to state that every extension of the work and every possible development of the mine, consistent with prudence and economy, has been made. It was stated in the prospectus that a vertical main shaft had already been commenced in a position well saited for the systematic development of the mine, and that it was intended to continue it to a depth of 200 feet or more to the water level. I am glad to say that from the last mine report received, which is dated August I, we are advised that this shaft has now reached a total denth of 247 feet. The supply of water was water level. I am giad to say that from the last mine report re-ceived, which is dated August I, we are advised that this shall has now reached a total depth of 247 feet. The supply of water was increasing, being then about 1500 gallons per day. This, I may remark, is a very satisfactory feature, as the water difficulty is, perhaps, more accentuated in the Hannan's district than in many remark, is a very satisfactory feature, as the water difficulty is, perhaps, more accentuated in the Hannan's district than in many other parts of the West Australian field, and the last report from the mine points to the difficulty, as far as we are concerned, being overcome. At a depth of 130 feet in the main shaft a drive has been put out south or south-west, with the double object—first, of cutting the telluride lode, which has been discovered in block 45, a property some little distance south of our own, to which discovery great value has been attached, and which lode, it is considered, should run into this company's lease; and, secondly, for the purpose of intersecting at a greater depth than has yet been tested by the previous workings the lode believed to be the Green lode, which is running into our property from the Hannan's Crosus property. By the latest advices this crosscut has already been extended about 21 feet, having passed through the main lode formation, and at present is being driven in the country rock, and is continued with a view to accomplishing the objects I have already referred to. The object of this main shaft, as before stated, was for the purpose of developing the property systematically, and in the most economic manner; and, therefore, the shallower developments on the lodes which had previously been made, and which had proved the size and value and direction of the main reef, and also the bearing of what is believed to be the Green lode, have not been further proceented with the expention of same short extractors. and value and direction of the main reef, and also the bearing of what is believed to be the Green lode, have not been further prosecuted, with the exception of some short extension of the east drive and north crosscut in the No. 2 shaft. As mentioned in the prospectus, a 10 stamp mill has already been shipped; this arrived in Australia some time ago, and we are daily expecting information that it is in course of erection. So convinced are your directors of the value of your property, and of its development in the immediate future, that the have ordered a building to cover a battery of 20 stamps, as we believe, in a very short time, it will be necessary to add further stamps. The directors trust that the development works, the nature of which I have sketched out, will result in the establishment of a valuable and lasting mine. There seems to be a concessus of opinionthat the vicinity in which our mine is situated ment of a valuable and lasting mine. There seems to be a concensus of opinionthat the vicinity in which our mine is situated
contains exceptionally valuable mineral lodes, foremost among
which I may refer to the celebrated Brownhill lode. We do not
want to take our information second hand, because we are in a
position to know that our own information is better than that of
anybody else; but I think it might possibly interest the shareholders
who are here to-day if I read a short extract from the Chairman's
speech made to the shareholders of the Hannan's Crossus Gold Mine
at that company's statutory meeting, in which our property is
mentioned in terms upon which I think we may congratulate
ourselves. I merely give this as a corroboration of our own ideas
and our own views as regards the value of our property. The ourselves. I merely give this as a corroboration of our own ideas and our own views as regards the value of our property. The Chairman of the Hannan's Creesus stated:—"I haddition to the lodes already mentioned; another one, also recently discovered and known as the Croesus No. 1 North lode, runs through this company's property, and has been traced in the adjoining mine to within 60 feet of our boundary. This lode, when driven through in the Croesus No. 1 North Company's mine—the adjoining one referred to—was 35 feet wide and by seasy gave an average visid of 5 oursess of cold to feet wide, and by assay gave an average yield of 5 onnces of gold to the ton. In proof of the value set upon this lode by the company named, I may say that the latter is now sinking an engine shaft work it, and that it is also about to erect a winding plan with a 10 head battery." I notice in yesterday's papers that the railway has at last been officially opened, on the 9th inst., between Coolgardie and Kalgoorlie. We hear a great deal about railways Coolgardie and Raigoorile. We hear a great deal about railways about to be opened, and it is generally some time before they are opened, and I think at our meeting to-day we may congratulate curselves on the fact that the railway habeen absolutely opened. This will materially affect us for the better, as our machinery, plant, and stores will be more expeditiously delivered, and at cheaper rates, and the opening of the railway should naturally reduce the cost of all materials, stores, &c., I think therefore. I may congratulate the shareholders on the propholities of should naturally reduce the cost of all materials, stores, &c. I think, therefore, I may congratulate the shareholders on the probability of a good and lasting investment, and while congratulating the shareholders on the mine, I think I may equally congratulate the mine on the fine list of shareholders who possess it. I should be happy to answer any questions that gentlemen present may like to put to us. (After a pauss.) If there is no question, I beg to thank you, on behalf of the directors, for your attendance here to-day. We hope on future occasions to be able to do something more for you than give you an account of the property. (Applause.)

The proceedings then terminated.

CUDDINGWARRA GOLD MINES (LIMITED).

The first general (or statutory) meeting of shareholders in the Caddingwarra Gold Mines (Limited) was held on Tuesday, at the Cannon-street Hotel.—Mr. J. T. Alexander, who presided, said that the property purchased by the company was situated about 14 miles from Cae, in the Murchison district of Western Australia, and consisted of 33 acres in all—namely, Golden Gate 9 acres, Missing Link 12 acres, Golden Gate North 12 acres. There was a railway in course of construction to North 12 acres. There was a railway Cue, already open for traffic about half-way, and it would be ready for working in about a year's time. There were nine shafts on the Golden Gate lease, two of which had been carried down to 56 feet, or 16 feet below water level. The influx of water met with at a depth of 40 feet was so great that until pumping machiner was ersoted little in the way of development could take place. The were thus much better situated than their neighbours, so far as the were thus much better situated than their neighbours, so far as the water question was concerned. As to one of the leases, the manager reported that "the whole length of the reef is gold-bearing, and exceptionally rich runs of stone are met with." With regard to the Missing Link claim, the manager reported that there were six shafts down, the greatest depth attained being 60 feet. The lodes varied in thickness from 10 feet. He also stated that east of the west reef there was a "formation several feet wide, carrying fine gold, and rich deposits are here found giving as high as 6 cunoes to the ton by battery treatment." At the Golden Gate North lease, the latest reports stated that there were six shafts, the deepest being 60 feet. The lodes varied from 8 feet thick. These reports would show that the developments hitherto carried out had given results of a very satisfactory character. The company were now the

possessors of a battery, and he hoped that they would soon be in receipt of regular crushings.—A vote of thanks to the Chairman terminated the proceedings.

BONAVENTURE ASSOCIATION (LIMITED). The statutory meeting of this company was held at the officer, 31, Clement's-lane, this week.—Mr. James Murray, who presided, said they received a cable on August 8, advising them that Mr. Learmonth had arrived at Perth, West Australia, and had commenced month had arrived at Perth, West Australia, and had commenced to make inquiries respecting any promising properties requiring reconstruction, and generally to seek business which might prove profitable to the syndicate. He had since made two propositions, but nothing had been decided. If one were adopted, however, it would be necessary to call up the balance of the sapital, making the shares fully paid, and he was glad to report that in answer to the inquiry they made in a circular notice the shareholders had with only one or two exceptions, expressed their desire that the calls should be made payable at the dates suggested—vix, 5s. on November 1, and 5s. on December 1 next. It would no doubt be remembered that they originally intended to issue only £10,000 of the capital, but that was considerably over-applied for, and about the same date a favourable opportunity occurred for the investment of £5000 on satisfactory security at 5 per cent. per annum, with an option during 12 months to acquire a large block of shares at a considerable discount. Should markets become favourable, at a considerable discount. Should markets become favourable, that option would, no doubt, prove a source of profit to the company. If, on the other hand, they decided not to exercise the option, the £5000 would be refunded with interest. It was accord option, the £5000 would be refunded with interest. It was accordingly decided to accept that business, and issue a further 7000 shares. Of those 6585 were applied for, and from the balance of capital thus placed in their hands, £1000 had been invested in West Rand Mines shares. From the outline he had given, the shares, holders would see that they had already commenced business operations on favourable lines, and he could but express the hope that they might be all well satisfied with the final results.—A vote of thanks to the Chairman terminated the proceedings,

The ordinary general meeting of shareholders in the Noltzykop Gold Mines (Limited) was held on Wednesday, at Winchester House, E.C.—Captain Mercer, who presided, said that the company was registered last August with a capital of £150,000, in 600,000 5s. shares. It has been seen to the mine, who accompanied another gentleman who was proceeding to the same district on business. This gentleman wrote then;—"Captain Lemon was well pleased with the property, and quite agrees that the shaft should be sunk a further 200 feet as speedily as possible, as there is every indication of great improvement in the value of the quarts as depth is obtained, and I am convinced that at a depth of from 300 to 350 feet your reef will prove very valuable indeed." A report on the property had now, he believed, actually arrived in London, but as yet the engineers were unwilling to part, with it, since it was not in a finished state. When, however, it was ready a copy would be sent to every shareholder. They had been unable to postpone the meeting any further, since there were pressing liabilities to meet, and a call had to be made, which the directors were unwilling to decide upon until they had laid before the shareholders a statement as to the company's position. The directors saw no reason to lose confidence in the property, which had always been esteemed a valuable one.—A vote of thanks to the Chairman terminated the proceedings. NOLTZYKOP GOLD MINES (LIMITED),

NEW GORDON DIAMOND COMPANY (LIMITED).

NEW GORDON DIAMOND COMPANY (LIMITED).

An extraordinary meeting of this company was held on Thursday, at Winchester House, to consider a resolution to the effect that the company could not, by reason of its liabilities, continue its business, and that it was advisable to voluntarily wind up the undertaking.—Baron E. B. d'Erlanger, who presided, explained that at the last meeting the shareholders, by a unanimous vote, approved of the reconstruction scheme then submitted, but it was not approved by the proprietors as a body, for out of 2500 shareholders, only 800 applied for shares, and out of the minimum of 400,000 shares necessary to go to allotment, only 196,000 were applied for. He referred at some length to the efforts of the board to prevent the company from going into liquidation, but pointed out that they failed, and on August 27 it was decided to go into liquidation, as there was no other course to adopt. In conclusion, he stated that the causes of the company's failure were a mistake in the construction of the machinery, and accidents over which the board had no control. He concluded by moving the resolution in favour of winding-up.—Mr. W. Emden, in seconding the resolution, said he considered that the directors had done their best for the company, and if they had not been successful, it was owing to the action of and if they had not been successful, it was owing to the action of the ordinary shareholders in not subscribing for the shares.—After a brief discussion, the resolution was carried, and liquidators were afterwards appointed.

OTTO'S KOPJE DIAMOND MINES (LIMITED).

An extraordinary general meeting was held on Monday, at Cannon street Hotel, under the presidency of air. W. Newman, for the purpose of confirming the following resolutions, which had been previously passed at the meeting of August 21:—"That it is desirable to reconstruct the company, and, accordingly, that the company be wound up voluntarily, and that Messrs. E. B. Woodford and Thomas William Carr be, and they are hereby, appointed; liquidators for the purposes of winding up at a remuneration of £250 beyond their disbursements." "That the said liquidators be, and; they are hereby, authorised to consent to the registration of a new beyond their disbursements." That the said inquicators os, and they are hereby, authorised to consent to the registration of a new company, to be named the Otto's Kopje Diamond Mines (Limited), or some other suitable name, with a Momorandum and Articles of Association which have already been prepared with the privity and approval of the directors of this company." That the draft agreement submitted to this meeting and averaged to me made between this company and its of this company." "That the draft agreement submitted to this meeting, and expressed to me made between this company and its liquidators of the one part, and the Otto's Kopje Diamond Mines (Limited) of the other part, be, and the same is hereby approved, and that the said liquidators be, and they are hereby, authorised, pursuant to Section 161 of the Companies Act, 1662, to enter into an agreement with such new company (when incorporated) in the terms of the said draft, and to carry the same into effect, with such modifications, if any, as they may think expedient."—The Chairman having proposed the confirmation of the resolutions, Mr. Karuthseconded the resolutions, which were put and unanimously agreed to. The Chairman added that, as that was the last meeting of the old company, he desired to thank the shareholders for the kind and to. The Chairman added that, as that was the last meeting of the old company, he desired to thank the shareholders for the kind and courteous manner in which he had always been treated. Votes of thanks to the Chairman and directors were afterwards passed.

WE have received from Messrs. Fraser and Chalmers batch of circulars and eatalogues, covering chiefly further data of the success of the Bridgman Sampler; of the Otto data of the success of the Bridgman Sampler; of the Otto
Erial Tramway; and of Woods Dry Placer Miner; also of the
Alsing Pulveriser for fine grinding on gold ores, enamel, &c.;
a record test of one of the firm's triple expansion Corliss engines;
a stamp-milling record by their Alaska-Mexican battery, and
reports of saving and fine results in the use of the Riedler
compressors and pumps, and Comet adjustable crushers, and
also of Browne hydrometric sizers in connection with Frue
Vanners. This is demonstrative evidence that the firm
wishes to keep in the front rank and to give their customers
the benefit of the latest improved practice in mining engineering. the benefit of the latest improved practice in mining engineering.

The shareholders of the Rome Consolidated Gold Mines (Limited) are notified that the certificates are ready to be exchanged for the bankers' receipts, and are requested to apply for their certificates forthwith.

By cable advice from Johannesburg the transfer books of the Barnaro Barna, Mining, and Estate Components (Limited), London agency, are closed from September 14 to 28 inclusive instead of from September 5 to 28, as previously announced.

### PARIS LETTER.

(FROM OUR OWN CORRESPONDENT.)

manouvres in the mining market. Attempted changes in the liquidation arrangements.-Position of South African shares.-Mining enterprise abroad.-Metalliferous mining in France.

THE susceptibility of the mining market to the manceuvres The susceptibility of the mining market to the manceuves of the bearing element has been very marked during the part fortnight, when timid holders have been repeatedly frightened into realising by events that, under no circumsances, could have any permanent infinence upon gold mining shares. It must, however, be recognised that there is undoubtedly an affinity between mining speculation and general finance, for the Paris market owes its stability almost entirely to the support given to it by the leading financial concerns, and so soon as these are obliged to turn their attention elsewhere the market becomes weak and unsettled. Thus the incidents in Armenia, Macedonia, Crete, and Constantinople have all compelled the great houses to momentarily abandon gold mining shares in order to prop up the textering finances of Turkey, and the market being left to itself became an easy prey to the bears, who presented the situation in the light of a crisis. No sooner had these fears been overcome than the Kaffir market was menaced from within. The bankers proposed to protect themselves from the reckless dealings of the professional speculators by insisting upon a "margin" of 20 per cent. below the current quotations of the sorip for the carrying over of accounts at the settlement. This was energetically resisted by all classes on the Bourse. Some of the jobbers themselves, who have scarcely yet receivered from the crash of last autumn, would find in this "margin" a serious stumbling block, and as they would have to impose the same condition upon the outside speculators, a great many of these latter would probably find a small balance on the credit side at the settlement turned into a deficit. Then, again, the investors themselves would suffer from a depreciation of their scrip through forced realisations, and this, in fact, is what has taken place during the past week. Holders feared that their position at the settlement would become very precarious as the result of these new obligations, and where they have margin," and me of the bearing element has been very marked during the past fortnight, when timid holders have been repeatedly

stated on the Bourse that one or two of the bankers are still holding out for the reform. The general impression, however, is that it will certainly be abandoned altogether.

Another thing that is affecting mining shares just now is the report that there is to be a fortnightly liquidation of gold mines, instead of monthly, upon the plea that the business in these shares is so heavy as to necessitate a more frequent settlement. It may safely be held that this is merely a bearing manœuvre, and that the committee of the Coulisse will lose no time in giving a denial to the statement. As a matter of fact, individual members of the Coulisse are strenuously opposed to a fortnightly settlement; and it is hardly concaivable that the committee will go against the wishes of the whole body. They very strongly criticise the practice of having a fortnightly settlement on the Stock Exchange, as they consider that it is quite unnecessary, and interferes seriously with husiness over here. There is little doubt, therefore, but that the Paris Bourse will continue to have its monthly settlement as heretofore.

Subjected to these influences, the market has been very quiet during the past week, and now and then the heavy realisations threatened to cause another setback. As, however, the more far seeing speculators immediately took up most of the shares on offer, the values did not decline to any large extent. The situation has been further improved by the increasing conficience of investors. These are more than ever convinced that the future of the Rand industry is an extremely brilliant one, and the absence of any of those alarmist reports, which have fur ac long a time past been throwing the market into a state of ferment, seems to confirm them in this belief. Moreover, it is fully expected that these crushings for August will continue to show a rapid development of the industry, in which event there is every probability of a rise in values. For the moment there is not much likelihood of quotations changing to any great extent on their present level. Speculators are displaying considerably more caution than they have been accustomed to do, and they are much less liable now to those fits of optimism and depression that made them mere puppets in the hands of the bulls and bears.

Outside of the Kaffer market there is little doing in gold mining just now. Nevertheless, rather more attention is being paid to the Westralian mines, which have long been held to be an investment for the future rather than for the present, but the excellent results now being obtained are awakening an interest in these resources that cannot fail before long to attract a good deal of French capital. Shares in Subjected to these influences, the market has been very

wakening an interest in these resources that cannot fail before long to attract a good deal of French capital. Shares in long to attract a good deal of French capital. Shares in some of the mining companies nearer home are being taken up more freely, and preference is shown at the moment for such concerns as the Monte Rosa Gold Mining Company, of which the latest reports are very satisfactory. So far as the active process of mining development is concerned, the French capitalists are pursuing a policy of active enquiry preparatory to launching out in the flotation of new companies. As they have cally begun to take an interest in surfigerors countries outside the Transval during the past few months, they are auxious to attudy the resources of the various territories before embarking upon new enterprises.

The present is, therefore, a period of prospecting and enquiry rather than of active development. French engineers have been sent out to nearly all the goldbearing countries, in order to see whether there be an opening for the profitable employment of capital, and there is little doubt but that in the course of a few months the financial houses will give their patronage to promising concerns. Russia continues to be one of the leading countries in which the French are nursing the hope of building up an extensive and profitable industry. Already a large amount of French money has been sunk in the the Siberian gold mines, and this participation will be facilitated by the new Russian company laws which have been drafted upon those obtaining in Western countries. In the future it will not be necessary for foreign capitalists to secure the special permission of the Russian Government to float com-rantes in that country, and all that they will have to do will be the special permission of the Russian Government to float com-panies in that country, and all that they will have to do will be to undergo the usual formalities of registration.

The precarious situation of metalliferous mining in France has long been attracting the attention of political economists, y ho point to the 'ime when the industry will practically cease

to exist unless something be immediately done to place it upon to exist unless something be immediately done to place it upon a more satisfactory basis. While insisting upon the seriousness of the evil, however, they seem to be quite incapable of ascertaining the cause, and, consequently, of suggesting remedies for giving renewed prosperity to the mining industry. It is generally admitted that the urgent need of the metalliferous mining companies are greater facilities for transport. To a certain extent this is no doubt for transport. To a certain extent this is no doubt true, but even improved railway facilities will not suffice to make mining profitable unless certain other conditions are fulfilled. The difficulty lies almost entirely in the character of the French iron ore deposits and their distribution. Except in the Loire the coal and ironstone do not exist in proximity. In the Nord and Pas de Calais ironmasters have an abundance of coal but they have to receive may be of their minest from in the Loire the coal and ironstone do not exist in proximity. In the Nord and Pas de Calais ironmasters have an abundance of coal, but they have to procure much of their mineral from the Meurthe-et-Moselle, and makers in this latter district are mainly dependent upon the North of France and Belgium for their fuel supplies. The mining companies, however, cannot secure higher prices for their mineral, in consequence of the foreign competition, and they consequently have to bear the burden of the transport charges. If these were reduced, no doubt the companies would experience a great relief, but they would secure still better results by economical working. In the Lora several ironstone mines have been abandoned as unprofitable when, by pursuing a more rigid system of economy, they could be made to pay their way. The necessity of coming to some prompt solution has induced the Minister of Commerce, M. Henry Boucher, to pay a visit to the mineral districts, and he is at the present moment making a personal enquiry into the conditions of the ironstone industry in the Meurthe-et-Moselle. It appears that there is a large area of mineral-bearing territory on the confines of the Ardennes almost entirely untouched, owing to the absence of railways, the military authorities having objected to the laying down of new lines so near to the frontier. It is hoped, however, that as the result of the investigation of the Minister, the companies will be permitted to open this territory by means of new lines, and that some decision will be come te for the general improvement of the ironstone mining industry throughout the country.

### NEW ZEALAND GOLD FIELDS.

(FROM OUR OWN CORRESPONDENT.)

JULY 28TH.

A GAIN I have to chronicle a very active month's business in our gold mining industry throughout the whole of the peninsula, both as regards the actual development and the demand for thoroughly genuine properties. In the latter the demand is so strong that large tracts

perties. In the latter the demand is so strong that large tracts of land are being pegged off in almost every part of the field. Regarding the actual development in a number of mines in the different centres, it cannot be otherwise said but that a great extent of useful exploiting for the precious metal is being vigorously carried on, and the success attending these works is of a very gratifying character.

During the mouth the Coromandel district was the scene of

During the month the Coromandel district was the scene of considerable excitement, due to the ore from the Hauraki North Gold Mining Company proving to be of exceptional richness. Although no gold was visible in the ore, still it was proved by assay to be worth £2000 per ton. The balance of the parcel of ore from which the assays were selected was subsequently treated. The parcel contained between 15 to 16 lbs. of rough ore, from which Mr. Burns, Assayer to the Bank of New Zealand, extracted a small bar of gold, which weighed 8½ ounces, worth £2 12s. per ounce. The phenomenal richness of the ore caused quite a flutter in stocks in the surrounding mines, and since then Coromandel mines have been on the advance, with a steady demand for shares in claims lying adjacent.

demand for shares in claims lying adjacent.

The negotiations which have been in progress for some time past for the flotation of some of our most important mines in various parts of the peninsula has at last been concluded, and the required capital has come to hand for development work.

various parts of the peninsula has at last been concluded, and the required capital has come to hand for development work.

To-day, July 28, information has been received from the Hon. Wm. McCulloch, M.L.C., who is now in London, that the Central and Pilot Special claims and the Waitekauri amalgamated properties were all successfully placed with good strong capital for their respective developments. The former property is situated in the Komata district, and lies adjacent to the Komata Reef Company, and surrounded on all sides by mines of very high repute. Some large lodes have been opened up and proved to be highly auriferous. Regarding the Waitekauri Amalgamated, it is situated to the eastward of the Waitekauri and Waitekauri Cross Companies, and according to a recent survey of the reef in the Waitekauri Company's works, their reef was found to be trending an entirely different course to that at first supposed. The surveyors found the lode to be striking 44° east of north with an underlie to the westward of about 25°. According to the calculated distance the Australian section of this property would embrace the lodes easterly, and trend for a distance of about 35 chain, after it passes through the Waitekauri Cross. This strike would quite correspond with the Waitekauri Cross. This strike would quite correspond with the Waitekauri Cross. This strike would quite correspond with the Wharekaranpungs lodes' system, from which excellent results have been obtained. Apart from the above-mentioned mines, others in the different district are also earn marked with British capital Apart from the above-mentioned mines, others in the different districts are also ear-marked with British capital.

Broken Hill Mine (Tairua District),

Broken Hill Mine (Tairua District).

In my last letter I referred to Mr. Junthan Saver and the very feolish business transaction he made in connection with this property, in disposing of his option of the flotation to one J. A. Alison for the sum of £4000. Fortunately for Seaver no money exchanged hands at the time he wrote to Alison declining to sell. If that a cash deposit had been paid by Alison at the hour the business was transacted, then Seaver could not possibly have backed out. Still, the £4000 cash had to be paid the following day at 3 r.m. Before that time had elapsed Alison deposited £4000 with Seaver, but that individual, seeing the grave mistake he had made, declined to accept. The consequence was, Alison sued Seaver, but as a forestated no coin having changed hands at the time the business was first transacted, the consequence was the case had to be was first transacted, the consequence was the case had to be discontinued. And now Mr. Leo Myers, representing the Anglo-Austral Syndicate, has purchased on behalf of his company a large interest in this rich mine; and to-day (the 30th July) a cable has been received to the effect that a company has been formed to work the property on a gigantic scale.

July) a cable has been received to the effect that a company has been formed to work the property on a gigantic scale.

Machinery has to be creeted, and the systematic development of the mine is to be commenced at once. It will be remembered some time ago an account I wrote of a general inspection of the lode discovered on the property. Since that time the lode has again been intersected, and proves to be phenomenally rich as death was reached upon it. Another important feature is that sgain been intersected, and proves to be phenomenally rich as depth was reached upon it. Another important feature is that the lode has become more defined and solid in appearance, and I have not the slightest hesitation in saying that if the lode should continue its present appearance, and maintain its quality, that the mine will prove to be the premier mine of this gold field as regards bullion production, and must eventually do a great amount of good in assisting the introduction of British capital for the de-

velopment of our mines. There is no denying the fact that the lode is a very rich one; still it must be borne in mind that the lode is a very rich one; still it must be borne in mind that in various parts of this peninsuls pockets and rich shuts of ore have been met, but they have in many instances failed to continue; and I would very much like to have seen more work done upon the ore body at a still greater depth before forming a company. However, before commenting further, we will have now to wait for further developments to reveal if the rich depends it is of any artent.

now to wait for further developments to reveal it the ich deposit is of any extent.

Regarding the developments in the Whangamata and Whatekeaurepunga districts, which lie to the south-east of the Tairna, it may be said that a large amount of useful prospecting is being conducted in the former district, but nothing a conducted in the former district, but nothing a conducted in the former district, but nothing the most.

specting is being conducted in the former district, but nothing of any great importance has been mot with during the mont. Messra, Bewick, Moreing and Co., who have representative here, and who have acquired several properties, are going the right way to work, and instead of rushing properties on to the market they go in to spend a sum of money to prove the lodes and ascertain if they are worthy of development or not. By this system of operations the company will escapa being saddled with worthless areas of ground. I must, however, give them credit in their choice in selecting properties, for they have hit upon some of their pet areas, and, what is more, they are giving them a thorough exploiting and testing the value of the lodes both in extent and at depth. At Wharekeaurapungs some very serviceable work is being proceeuted in the prospectors claim, an i, taking the average character of the ore, there is every reason to believe that the master lode, which is fully 40 feet in diameter, will pay handsomely, judging by the quality of the parcel tre-ted at the Thames School of Mines, which realised at the rate of £15 to £17 per too.

Waitekauri District.

### Waitekauri District.

Waltekauri District.

There is nothing new to report from this busy centre of mining. Everything in connection with the parent company appears to be progressing most satisfactorily, whilst the surrounding mines are, in most instances, conducting a large amount of development work. The Waitekauri United Company have two main adit levels in progress, which are being driven in opposite directions to eventually connect with one another.

The main range through which these prospecting levels are in progress rises to a very high altitude, and as regards backs it is unrivalled; every facility is afforded here for cheap mining, and the course taken by the two adits mentioned will prospect a great the course taken by the two adits mentioned will prospect a great extent of country, through which several lodes of high reputs are known to exist. I view this work as one of the greatest importance to the company, and in a great measure the future success of the company depends on it. The work is in very shle hands. Mr. Fred Stone, a gentleman of considerable practical mining knowledge, is in charge, and I feel sure it will not be for want of tact or energy that the works in hand should fail to reveal good results. reveal good results.

Waihi District.

The premier gold mine, the Waihi Gold Mining Company, is steadily advancing its developments, and the class of ore weat from the different sections is much the same in quality as has

from the different sections is much the same in quality as his been treated heretofore. One month's return may outclass the other; still, the depreciation, if any, is only due to the work, perhaps, passing through a poorer section of reef to what we mined for the month previous.

There is a slight falling off this month compared with that of the preceding one, but that is insignificant when it is generally known that there is steady work on highly profitable ore for many years to come. It will be seen that last month's yield is much higher, but the month previous to that is comparable with that which has come to hand for July.

Waihi Silverton Company.

This company are pushing on with their development work, and, on the whole, very satisfactory headway is being made. From latest advices ito hand there is every indication of a superior class of ore coming to hand, but as to how long it will continue remains for further developments to reveal. Scill, I am very hopeful of seeing this company's mill kept in profitable employment for a considerable time to come. It will be seen that the last return to hand is a highly profitable one and employment for a considerable time to come. It will be sent that the last return to hand is a highly profitable one, and judging by the class of ore, Mr. Pond, the managing directer, has every reason to believe that this return will be greatly inproved upon. For a period extending over one month 10% tons of ore were milled and subsequently treated by cyanide for the good return of 967 ounces of bullion, valued at £2417.

The Grand Junction Company

Have reached the solid formation, after sinking to a depth of 400 feet. It will be remembered that in my letters of the put that, judging the inclination of the mud rock lying upon the solid country at the No. 2 level of the Waihi Gold Mining Company's works, I cacalated that 400 to 500 feet would have to be sunk to reach the solid country. My views with regard to that are now quite borne out.

As soon as the chamber is completed which is now in proas soon as the champer is completed which is now in progress a commencement will be made to extend the crossest to, if possible, intersect the Martha roef, which, according to it calculated strike, should trend in close proximity to the shaft Much depends on the intersection of this celebrated lode, for, is the event of its continuity being proved in this direction, a will not only considerably enhance the value of this company, but will also greatly strengthen the future of the Waihi Gold Mining Company.

Owharoa District.

This district is gradually assuming a lively attitude, and a rest amount of development work is being prosecuted in the various mines, but latterly nothing of importance has occ that calls for special mention.

Karangahake. Steady active developments are being conducted in the most important mines in this district, and in every instance good results are being obtained.

New Zea'and Crown Mines

Continue to open up on the south strike of their reef ore of a sive, and every day's labour advances the south drive into and unexplored regions. Strange that this famous lode, as a strikes ou its troud, is gradually diverging towards the met, and its great underlie in that direction carries it clear of the course of where it was calculated to traverse. This is all the course of where it was calculated to traverse. This is all the better for the company, because the outcrop of the lode is well along the eastern boundary, and with the high inclinations stated this company would have the full underlie of the lode is

their property. The company's additional stamps which have been in o of construction for some time past are now well forward, sishould be in readiness to commence milling almost immediate; this will mean that the

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Other mines in this district are all assiduously pushing on their prespecting works. Amongst them is the Victor Waihou Company, who have been carrying on a series of prospecting works with a view to pick up the Crown reef, but that idea, I think, may be cast to the winds, because the reef trends away to the west of this company's grounds. Still, there is a chance that something of importance may be discovered in one or other the works in hand.

(THAMES PROPER).

Thames Hauraki Gold Fields Company,

The stripping and enlargement of this company's main engine shaft is progressing splendidly, and at the time of writing, a tital depth of 275 feet has been reached from the collar of the shaft. The original No. 3 chamber has been passed through, and the work in hand is proceeding without a hitch, thanks to the careful supervision of T. Aitken Dunlop, the company's

The No. 2 shaft in the Deep Sinker section of this company's property is also making satisfactory headway, and a total depth of 75 feet is reached. The country met with here is of a sedimentary character, but the last few feet of sinking is meeting mentary that with a dark grey decomposed country, which is much firmer to sink through. Up to the present little or no water has made its appearance, but how far stuking can be carried down without meeting with water remains to be seen. As studed in my last letter, this shaft should enter all new and untried country, letter, this shart should enter all new and untried country, consequent upon this the developments here are watched with great interest. It is, I believe, the intention to conduct other exploiting works in other parts of this company's area, and in al probability something of importance will be met with.

Monatairi Gold Company.

The work in hand in this company's mine is being vigorously pushed shead; but as the most important works (which it is passed aneau; but as those important works (which it is anticipated will lead to something good) are only beginning to be some into development on a large scale, it would not be wise to even offer an opinion as to the probable results of these works, as we will have to remain quiet, and see what the

reveal.

Mr. F. A. White, the gentleman who floated this property, is gain about to take a trip to England, with, probably, a view to plue other properties. There is one thing about Mr. White, again about to take a tip of stage and, with probaby, a view to place other properties. There is one thing about Mr. White, and that is, I do not think he will offer for investment properties otherwise than genuine mines. He is a gentleman of high standing in this country, and for the greater part of his life he has always been an ardent and true advocate of the staple life he has slways been an ardent and true advocate of the staple industry of the country to which he belongs, having actein the capacity as legal manager to the Monatairi, Hazelbark, and the celebrated dividend-payer, the Warotahi, which, it may be mentioned, continues to produce dividend-paying returns. There is really nothing new from the old mine to chronicle. Steady development work continues under the very able supervision of Mr. James Smith, who, it may be said, has managed this mine for about 15 to 20 years, and it is mainly due to the splendid efforts and judgment of Mr. Smith that the mine maintains its present prospective. Mr. Smith that the mine maintains its present prosperity.

Kurunui-Caledonian Company.

This company have not commenced any new developments yet, but are merely confining themselves to the lodes and ore reserves, which they have been operating upon for a considerable period past. The mire continues to look very well, and the ore coming to hand shows gold very freely, whilst in addition to that a few pounds of specimen ore is very frequently met with when breaking down the ore body, and where that class of material is obtainable there is always a chance of meeting with heavy deposits of the same class of ore as the development work proceeds.

New Alburnia.

Driving upon the course of Dixon's reef eastward of the main engine shaft is now in active progress. The lode at this point is fully 3 feet in diameter, carrying mineral of the right description for gold; in fact, it is the intention to also commonce stoping here and send the ore to the company's mill for treatment.

Puru District.

Judging by the prospects met with in this district there is every indication of the locality proving to be one of our chief producing centres. This is in a great measure due to the energy of the Puru Consolidated Gold Mining Company, who have opened up their Rimu reef for a distance of 220 feet; the lode shows an average thickness for the whole of that distance of 3 feet, with strong bletches of order feet distributed. lode shows an average thickness for the whole of that distance of 3 feet, with strong blotches of gold freely distributed. Another large body, 6 feet thick, trending a parallel course to the Rimu, has also been opened up; this lode shows gold freely, and by assay yields an average value of £10 per ton.

Mr. J. Jenkin Cooper has the option of flotation, and as the area is 478 acres, with abundance of water for motive power, it should in time be one of our leading mines. Mr. Cooper has evidently his wits about him, because he has secured some of the best properties in this district.

Pubmphi Gold and Silver Field.

Puhpuhi Gold and Silver Field.

The Auckland Star correspondent says of this field that it is The Auckland Star correspondent says of this field that it is rapidly coming to the front. An assay of stone from a claim called the Norma Extended has given a return of 41 ounces of bullion to the ten. He goes on to say that the new machinery for the British Gold and Silver Company's property is now on the ground. The furnaces for Mr. French's process are being rapidly pushed forward, and most of the bricks for this work are ready. There are over 2000 acres on this field taken up and applied for, and preceipg is still going on.

are ready. There are over 2000 acres on and applied for, and pegging is still going on.

It may be mentioned that this part of our mineral fields.

It may be mentioned that this part of our mineral fields. It may be mentioned that this part of our mineral fields is situated in the Whangarei district, away to the north of Auckland. For many years past sich runs of silver ore were uncarted, but the machinery brought in to treat this complex ore was quite inadequate to deal with it; but since Mr. French, a metallorgist of resute, common cod experimenting, the results met with were sufficient to satisfy those concerned that they have an excellent future before them if they erect the required machinery and treat their ores on a large scale. The lodes are large, and trials in the past have proved them to be rich in bullion

On the very best authority I learn that a new and important acovery has been made in the Waitekauri Gold Mining Com-AUGUST 10.

It appears the development work was extended into the It appears the development work was extended into the western section of the company's mine, with the result that the Golden Cross lode, being driven upon in the direction of the Central Company's ground, has been proved to be worth from 150 miles north-east of Coolgardie and close to Loke Cooper ton. The lode is from 5 to 9 feet in diameter, and Mr. M. W. Hawafd, one of the picneers of the new field, who

could be desired, still, considering the delay in procuring the required material to proceed with the construction, very fair leadway is being made. However, when it is finished it will be a very complete plant, and one that will be able to reduce a large tonnage of material.

Talisman Company

Are opening up large ore reserves for stoping purposes, and otherwise preparing for the extensive delivery of ore to their mill.

Other mines in this district are all assiduously pushing on their prespecting works. Amongst them is the Victor Waihout for region works. Amongst them is the Victor Waihout Company, who have been carrying on a series of prospecting to the carrying on a series of prospecting to the company's ground. It will be seen by the company, who have been carrying on a series of prospecting for the carrying on a series of prospecting works. genuine investment, which should give handsome results with systematic development.

The Tararu Creek Company have, in the extension of their low level west upon the lode, discovered splendid ore, and, according to the calculated dip of the run of gold being sunk upon 200 feet overhead of this discovery, the management are of an opinion that this run met with is the downward continuation of the strike of gold.

Ten more stamps were started on this ere, which assays splendidly, and shows free gold to the naked eye.

It is the intention to keep one of the cyanide vats on this ore, and one on the mineralised material, which will be further treated by concentration.

Waitekauri Gold Mining Company.

The whole of the stamps in this company's new mill should be in readiness to commence treating in a month from now. Ten stamps at the new mill and 10 at the old mill have been employed during the month, but the return has not come to hand yet;  $4\frac{1}{2}$  miles of tram line for transmitting the ores from mine to mill has been complete l. Shaft has been sunk to a depth of 229 feet. At a depth of 129 feet the level has been opened out. The boiler has been placed in position, and all oth rappurtenances are in progress. The main low level tunnel has been driven a total distance of 765 feet, and the crosscut to intersect the Empire reef has been extended 639 feet. Other levels are all under vigorous operation.

Waitekauri Cross.

I have jut met Mr. W. Eddowe's, the inspecting engineer of this company, who has been on his tour of inspection. He informs me the low level being extended eastward has reached a total distance of 408 feet. Here the Taranaki lode, it is a total distance of 408 feet. Here the Taranak lode, it is anticipated, will be intersected at any moment. The country, Mr. Eddowe's says, is of the right class, and there is just a good chance that this large body may prove profitable when developed. The western crossent has been advanced 211 feet through a very good class of country, but owing to the undulating lie of the country, there is reason to believe that the Golden Cross lode will not come to within the level of this tunnel, consequently an opinion exists that a shaft will have to be sunk to a reasonable depth, then crosscut for this famous lode. In places, it may be mentioned that the quartz body does not come up to the surface, but makes strong and defined as depth

come up to the surface, but makes strong and dended as depth is reached upon it.

To the north of Waihi a large body of ore has been struck in a claim known as the Paul Jones Company. This huge body has been traced for several chains. The ore is of a white flinty nature, similar to the ores in the Waihi district.

Maori Dream, Kuaotunu.

After 50 feet of driving in this company's low level the reef as been intersected and cut into for a thickness of 5 feet, producing good prospects of gold.

As can be seen by the gold returns there is a substantial increase, and I have not the slightest hesitation in predicting a still further increase, especially when the increased milling power is in full working order with the different companies. There is abundance of ore for treatment, and new series of lodes are being unearthed daily.

### NEWS FROM WESTERN AUSTRALIA.

CUTTINGS FROM THE LOCAL PRESS.

(From the Gold Fields Courier.)

WITH regard to the mines to the south of Burbank's
Birthday Gift, a district, the development of which is
now being watched with great interest, we learn that
the Fair Nell, block No. 1799, the Empress of India, block the Fair Nell, block No. 1799, the Empress of India, block No. 971, and a small triangular section lying between the former and Burbank's United, No. 2869, have been 'amalgamated under the Grand Junction, the property of Messrs. Bewick and Moreing. The crushing recently published from the Grand Junction, showing a return of 5 ounces 2 dwts. to the ton, was, we understand, from stone taken from the several dumps on all the blocks. The rich reef lately struck on the block between the Fair Nell and the Burbank's United has been traced and found to traverse the southwest portion of the latter block, which is now being activaly west portion of the latter block, which is now being actively developed by a Perth and Coolgardie syndicate. Several addideveloped by a Ferri and Coorards syndrate. Several additional hands have been put on to continue the sinking of the north shaft. It is intended to crosscut for the reef at the 75 feet level. In the southern shaft it is intended to open out at the 100 feet level. A shaft will also shortly be sunk to cut the reef that is found to continue into the property out of the

Grand Junction.

Writing of the Ivanhoe crushing a local mining reporter says:—"The return shows the richness of the eastern lode, which was opened up only a few weeks ago. Not only is the lode vary rich, but it is allowed with a was thought. At the 100 feet level a drive has been carried 30 feet north of the shaft with a cowne of the lode and the south drive is in 15 feet. on the course of the lode, and the south drive is in 15 feet. For the whole of this distance the lode averages 10 feet in width, and appears to be still opening out. At the bottom of width, and appears to be still opening out. At the bettom of the shaft it was 8 feet wide, but opened out as it was driven on both north and south. The main lode is also opening up splendidly; the stope near the south all aft at the 100 feet level being 20 feet wide. There is an immense amount of stone in eight in the mine, and as the new 15 head battery is being creeted as speedily as possille, in a few months the mine should have a big ou put, or, as many state, will equal the Boulder as a gold producer."

Some recent assays of stuff from the Personarance Mine.

Boulder as a gold producer."

Some recent assays of stuff from the Perseverance Mine have given sensational results. There were four assays altogether. The results of the first were, 26 ounces of gold, and 61 ounces silver; of the second, 37 ounces of gold, and 82 ounces silver; and of the fourth 45 ounces of gold, and 87 ounces silver; and of the fourth 45 ounces gold, and 87 ounces silver. The stuff was taken from the winze 60 feet below the first or 100 feet level and about the restrict in the Theorem the restrict in the stuff was taken from the winze 60 feet below the first or 100 feet level and about the restrict in the stuff was taken from the winze 60 feet below the first or 100 feet level and about the restrict in the stuff was taken from the winze 60 feet below the first or 100 feet level and about the restrict in the stuff was taken from the winze 60 feet below the first or 100 feet level and 100 feet The stuff was taken from the winze of feet below the first or 100 feet level, and about the water line. The reef there is 6 feet wide. Ordinary dish trials had given the value of the ore at about 14 ounce per ten. The dolly and dish revealed the free gold only. The fire showed how rich the pyrites were.

is at ent in Coolgardie, gives some interesting information He states that within the last four months 652 acres of ground is at have been taken up, and this section of the gold-bearing country is being developed as quickly as men can be obtained to man the leases. The British and South A'rican Gold to man the leases. The British and South A'rican Gold Recovery Company have taken up three miles along one line of reef which they have named the Great Aber, one mi'e along a second line known as the Greenhill. Two leaser, already developed to a depth of 70 feet, have turned out even better than the anticipations formed of them. Between the Great Aber and Greenhill two other reefs have been traced; one, the Mount Wilgress, has been proved and taken up for 2 miles, gold showing whenever the reef has been napped; the second, the Mary H li line, is equally as promising. These parallel reefs, which are composed almost invariably of blue quartz, through which fine gold is well dispersed, are attracting a good deal of local attention. There are about 50 men on the field, and it is a good sign that the working miners are devoting their spare time to prospecting and securing leases of on the neid, and it is a good sign that the working miners are devoting their spare time to prospecting and securing lenses of their own. As showing the rapid progress of the place, Mr. Haward mentions that there was a "roll up," for the purpose of electing a progress committee. A site has been selected for a township, Mr. Haward heing deputed to carry the petition to the acting Warden at Menzies. A store has already been started, and as soon as the licenso can be obtained there will be a hotel.

and as soon as the licensocan be obtained there will be a hotel.

The Brown Hill crushing of four weeks' stone has been cleaned
up; 119 tons were treated, yielding 247 ounces, or an average
of 2 ounces 11 dwts. 18 grains.
Good gold has been struck in a formation in the west drive
from a shaft on the LO.U. Block, one of the LO.U. Development Company's properties. The Rand Blocks of the same
company also carry visible gold.
A big mullocky lode formation has been struck in the Kuight
of the Gartar lease. Broad Arrow, and reports say that it among

of the Garter lease, Broad Arrow, and reports say that it assays

well.

A new find of gold is reported 6 miles east of Golden Valley. The news comes from Mr. Perssene, of Southern Cross. The discovery consists of a large outcrop of quartz, the reef being nearly 100 feet wide, and is reported to carry good gold.

A promising lode has been discovered in Block 45, between the telluride lode and Kelly's reef. It has been opened up by a costeen, and the stone is of a quartz nature and carries coarse gold right to the surface.

costeen, and the stone is of a quartz nature and carries coarse gold right to the surface.

It is reported here that a very rich find has been made in the Great Stanley Mine, Mount Monger, in driving at the 60 feet level. The lode is filled with clay and deposited gold. The manager states that the whole of the rief, measuring 6 feet from wall to wall, is full of fine gold.

A great improvement has taken place in the No. 2 Great

Norseman Mine. The lode was cut at a depth of 50 feet in the north-west corner of the ground. Evidently the reef is running from the Mount Barker lie to the Nath Norseman. It is 2 feet wide, and shows nice gold. The manager has taken up additional ground.

Rich stone is being sent up from the North Norseman at a depth of 100 feet. The lode is getting richer as depth is

Bevelaqua's battery, tramway, and several mines have been sold in one lot to an English company. The sum has not

transpired. Campbell's party, of the Killaloe Mine, have struck the lode in the vertical shaft at 40 feet. There is an immense formation, all gold-pearing, A vein of 2 feet of quartz is immensely rich, at some places being over 100 ounces to the ton. The whole of the 2 feet vein will return 15 ounces. It is the richest find in this field.

From the Western Argus.

"A sand has been secured for the Lake View Consols Mine, and as soon as it is in position will force the tailings to a considerable height, and thus save the great cost of handling the slimes in cleaning out the settling pits. The tailings will be run on to the top of the old pile, and the water draining from them will be caught in races at the base of the dump, and conthem will be caught in races at the base of the dump, and conducted back to the supply tank. By this means the great expense of digging out and carting away every ton of tailings from the mill will be saved, while the water will be returned to the battery tanks clearer than under the old system. An additional 10 head of stamps had been ordered for the View, and it is understood the new plant will be gradually increased to 100 head of stamps. The new plant will be placed on the crown of one of the hills on the mine, so as to enable amalgamating pans, and in the future cyanide vats, to be erected below the level of the mill. There is no doubt the View and the Boulder will have to treat their tailings by the evanide or some similar process, especially the tailings by the cyanide or some similar process, especially the tailings from the mill during the early rough days, when the water was scarcer even than now and methods more rough. The mine is such an immense one, with its half-mile in length of 12 feet wide such an immense one, with its half-mile in length of 12 feet wide lode and its as yet undeveloped parallel lines of reef, one of which is the famous Australia line, then even with a battery of 100 heads in full work for the balance of the company's 21 years' lones it cannot make much impression on it. It is, therefore, wise for the consulting engineers to make provision at once for the necessary machinery. Mr. Banks, an experienced American manager, has been necessited mine manager, and Mr. H. C. Callaban will machinery. Mr. Banks, an experienced American manager, has been appointed mine manager, and Mr. H. C. Callahan will take up the duties of general manager. Both are men of world-wide experience, and there is no doubt under their management the mine will have full justice done to it. Owing to the enormous interests he has secured on the fields, it is not improbable that Mr. C. Kaufman will shortly take up his residence in Kalgoorlie, as he is not the man to tolerate the experience of some of the non-resident consulting engine rs, who in not a few instances have completently ordered shafts to who is not a few instances have compision by order a state to be sunk on properties after a 10 minutes' inspection, and subsequently found their managers have, in consequence, been compelled to sink from the surface in diorite, while within a few feet soft ground was known to go down to a depth of 200 feet. feet."

### DIARY.

Tuesday, September 15.

Highland Chief Gold Mines, Winchester House, 12. European Patroleum, Winchester House, 2 30, Bendigo G 14 Fields, Finsbury House, 3, Macate Mining, Winchester House, 3.

Wednesday, September 16

Forrest Australian Corporation, Winchester House, 12. Kaboons a, Winchester House, 12. New Julia Nitrate, Winchester House, 2. New Kleinfon ein, Johannesburg,

Thursday, September 17. Toka'en Concole G 44 Miner, Winchester House, 12. Cassel Coat, Johanne-bury.

Friday, September 18. Archa Geld Mixer, Canton that Hotel, 1;

# LATEST FROM THE

### CABLEGRAMS AND TELEGRAMS.

ARMADALE.—The following cablegram has been received from the consulting engineer:—"Poppet heads erected."

ANGLO-CHILIAN NITRATE RAILWAY.—Gross traffic receipts for month of August, £8500. Corresponding period in 1895, £14,500.

BAKER'S OREEK,-Result of crushing to September 4

515 ounces retorted gold.
BARBERTON ESTATES.—The London directors have to amounce for the information of shareholders that Mr. Thomas Hey Hayles, the manager, who has been appointed in place of Mr. Pope, resigned, in his report to the board, disagreed with the conclusions his predecessor had come to as regards the value of the property. The board of directors in Johannesburg thereupon decided to retain the services of Mr. F. H. Hatch, Ph.D. the mining angineer to report upon the property. Ph.D., the mining engineer, to report upon the property. A cable message has now been received from the head office, which reads as follows:—"Hatch's report is unfavourable; confirms latest reports; 94 average samples assayed 3 dwts. 13 grains, including Eureka; 38 average samples assayed 5 dwts. 1 grain.

including Eureka'; 38 average samples assayed 5 dwts. 1 grain. Report forwarded by mail September 7."

BARRETT GOLD.—A cablegram from the mines gives August gold return as 625 ounces. The dry crushing machinery had arrived and was in course of erection. First results gained by direct treatment very satisfactory, averaging 93 per cent. of the assay value of the gold contained in the ore. Tram working well, and stocks of ore rapidly accumulating at the mill.

BAYLEY'S No. 2 SOUTH GOLD.—Translation of cable, dated September 10, received from the mines manager, Mr. W. H. Vivian:—"Bayley's No. 2 South. The workings show considerable improvement. South level reef (s) 12 inches, assaying 3 ounces 5 dwts. per ton."

BLAGROVE'S FREEHOLD.—The directors have received the following telegram from the manager:—"The width of the

the following telegram from the manager:—"The width of the reef in the crosscut is 2 feet, showing traces of gold. Have

resumed sinking."

BLOCK B. LANGLAAGTE ESTATE.—Production for BLOCK B. LANGLAAGTE ESTATE. August, by cable:—"Mill. Stamps running, 75; ore crushed, 8711 tons of 2000 lbs; gold retorted, 2257 ounces.—Tailings. Cyanide process. Tons treated, 4730 tons of 2000 lbs.; gold recovered, 660 ounces.—Concentrates. Cyanide process. Tons treated, 182 tons of 2000 lbs.; gold recovered, 361 ounces total gold recovered, 3278 ounces."

CITY AND SUBURBAN .- Last month's crushing yielded

-Copy of cablegram received :- "O'Gorman has made a most careful examination of the mines. A fine body of high grade ore 150,000 tons. Could be worked through whole length of 700 yards by open cut. Adit is being driven to cut the vein running north and south. Every economy must be used, including air drills for mining ore, so as to handle in large quantities. I strongly recommend 100 stamps of 950 lbs. each, wet crushing, latest improvements. Water in any quantity obtainable, cutting tanks before heavy rains November. From obtainable; cutting tanks before heavy rains November. From this you will see the first works to be done are tanks, and connect railways with reduction works. Went most thoroughly into every detail from a financial point of view; confident

CONSOLIDATED GOLD MINES OF WESTERN AUS-TRALIA.—The following cablegram has just been received from the manager of the Coorgan Mine:—"The net value of the gold on realisation, £810. The ore comes mostly from the the gold on realisation, £810. The ore comes mostly from the 75 feet level. The damage to the boilers has been repaired. Have recommenced work. Mill is working day and night."

The following cablegram has also been received from the manager of the company's properties at Toweranna:—"The pumping machinery in shaft will be completed by September 30. Battery is in course of erection. Will be completed about November 30."

CROWN REEF.—Results for August, received by cablegram CROWN REEF.—Results for August, received by cablegram from Johannesburg:—Number of days working 120-stamp mill, 29 days 18 hours; crushed by 120-stamp mill, 16,318 tons; yield in smelted gold from 120-stamp mill, 6855 ounces; yield in smelted gold from 120-stamp cyanide works, 4579 ounces; yield in smelted gold from slimes works, 433 ounces; total, 11,867 ounces.—Working expenditure and revenue. 120-stamp mill and cyanide works, 16,318 tons milled. To mining, transport, million, cyanide treatment of slimes graphical charges million. milling, cyanide, treatment of slimes, general charges, mainte-mance, and mine development, £23,943; profit for month, £15,649; total, £39,592. By gold account—6855 ounces from 120-stamp mill, £23,859; 4579 ounces from 120-stamp cyanide

\*\*Augustamp mill, £23,899; 45/9 ounces from 120-stamp cyanide works, £14,233; 433 ounces from slimes works, £1500; total, £39,592. Revenue per ton crushed, £2 8s. 6·31d.; cost, £1 9s. 4·15d.; profit, 19s. 2·16d.

\*\*CUMBERLAND.—The London office have received a cable-gram giving the result of cyanide operations for July as follows:—"Tailings recovered 279 ounces from 340 tons, at a cost of £242. The estimated value is £600."

CURTIN-DAVIS PROPRIETARY (No L'ability).—Cabled advice has been received by this company's London office from the head office in Melbourne, intimating that Mr. Kuox, Chair-man of the company, has returned from the mines, and that

his inspection confirms manager's report. Prospects are very satisfactory. Railway will be available by December.

DAY DAWN BLOCK AND WYNDHAM.—This company have received the following cablegram from the general manager at Charters Towers, giving the result of the crushing for the fortnight ending the 5th inst.:—" Tons crushed, 1270; yield of rold, 961 ounces; approximate value, £3315; fortnight's penses, £2170."

old, 901 ounces; approximate value, £3315; fortnight's expenses, £2170."

DE LAMAR.—The following is the cabled return for the month of August:—"Crushed during the month, 4357 tons; bu'll-n produced in the mill, \$65,093; estimated value of ore shipped to smelters, \$4300; miscellaneous revenue, \$300; total produce, \$69,698; total expenses, \$43,990; profit for the month of August, \$25,708; or at \$4.90 to £ sterling £5246."

DORIC.—The following cablegram has been received from the company's manager at the mine:—"During the month of August Cosmos tunnel was driven 150 feet. Adit level No. 2

August Cosmos tunnel was driven 150 feet.
is driven 22 feet." Adit level No. 2

EJUDINA.—This company have received a cable from the gents as follows:—" Ejudina crushed 150 tons for 142 ounces.

EJUDINA.—This company have received a cable from the agents as follows:—" Ejudina crushed 150 tons for 142 ounces. Crushing is proceeding."

FERREIRA.—Copy of cablegram received from Johannesburg, September 9:—" Results for August: Crushed, 9455 tons; bar gold extracted, 8614 ounces; concentrates caught, 226 tons; assay value of concentrates 6 ounces 10 dwts. fine gold per ton, equal to (say) 1469 ounces.—Cyanide works. Bullion produced from tailings, 3517 ounces. Total gold from all sources, 13,600 ounces.

FERREIRA.-Copy of cablegram received from head office, Johannesburg, reading:—"Profit for last month (August) from all sources, £28,574."

GELDENHUIS ESTATE AND GOLD,—Results for

August.—A cablegram has been received from the head office, at Johannesburg, stating the following results for last month:

-"Crushed, 16,726 tons; obtained from mill, 4197 ounces of gold; obtained from concentrates by cyanide, 473 ounces of gold; obtained from tailings by cyanide, 1698 ounces of gold; total, 6368 ounces of gold; profit for the month, £3600. The decrease in the output is due to the falling off in the grade of the ore, but prospects are better in the lower levels."

of the ore, but prospects are better in the lower levels."

GELDENHUIS MAIN REEF.—Result of August crushing:

"3050 tons crushed, yielding 1057 ounces of gold; 2110 tons treated by cyanide, 384 ounces of gold; total, 1441 ounces of gold. Profit for the month, £409."

GELDENHUIS DEEP.—The following cable has been received from the mine manager, giving the output for month of August:—"Mill ran 27½ days, crushing 13,242 tons, yielding 3544 ounces. Cyanide treated, 8910 tons; yielding 1666 ounces; total value, £17,522. Working expenses for month, £19,184. Further expenses, £2294." Further expenses, £2294."

GEM OF CUE.—Mine manager's report for month of July:

"I have to report progress during the past month on works in above-named mine. Main engine shaft has been sunk a further depth of 23 feet, making a total of 101 feet. At 110 feet I purpose crosscutting south to strike the lode at that depth, and by driving west on lode connect the workings of main shaft with shaft A as per plan. I further purpose continuing sinking main shaft and obtain a supply of water for winding engine. In A shaft I have continued driving along course of lode west, now to a distance of 47 feet, 17 feet for the month, heavy shooting ground. Lode is from 18 inches to 2 feet. The stone, which for some time has been somewhat rubbly, is now becoming more compact and solid, and improving in quality towards the western boundary. I consider very good progress has been made during the past month. No special developments may be expected until the lode is cut in main shaft as before stated. We will write you next mail fully as to the Stawell, known now as the Gem of Cue Extended."

GEORGE GOCH AMALGAMATED.—The following cable is to hand advising work done during August: — "9390 tons crushed, yielding 2216 ounces gold, and 1615 ounces from

GLENCAIRN MAIN REEF.—The Johannesburg Consolidated Investment Company (Limited) announce receipt of the following cable from the above company:—"Production for August, 1112 ounces, 10 stamps, 29 days."

GLENCAIRN MAIN REEF.—The Johannesburg Consolidated Investment Company (Limited) announce receipt of

GLENCAIRN MAIN KEEF.—The Johannesburg Consolidated Investment Company (Limited) announce receipt of the following cable from the above company:—"Production for August 3389 ources, 100 stamps, 25 days."

GOLDEN DOVE.—A cable has been received from the mine

stating that the preliminary crushing of 100 tons has produced 85 ounces of gold.

GRASKOP.—The following cablegram has been received from the mine manager for the month of August:—"Ore treated 190 tons wielding 164 ounces of gold."

treated 199 tons, yielding 164 ounces of gold."
GRIERSON'S.—The directors have received the following

cablegram from the mine:—"Have sunk a new shaft more northerly, and struck a reef 3 feet thick. Ore contains visible gold. Assay value, 6 ounces 17 dwts. per ton."
GREAT BUNINYONG.—Alluvial shaft of dimensions for plunger chamber sunk 11 feet; full depth 130 feet; country at

floot favourable to good progress. At the quartz shaft, water lodgment actively proceeded with, and expect to complete about the end of the week.

HANNAN'S GOLDEN PEBBLES.—The latest report of

this property is in a letter from the manager, Mr. George Gray, dated July 28, of which the following is an extract:—"I am very glad to be able to advise you that the mine is looking very well, and everything in and around it suggests a very successful future to the property.'

HANNAN'S PROPRIETARY DEVELOPMENT. -HANNAN'S PROPRIETARY DEVELOPMENT.— The following cable has been received by the Hannan's Proprietary Development Company (Limited) from their engineer, Mr. George Gray:—"Leases improving under development, particularly Oratava, Queen of the West, Ironsides, Lady Forrest, Kalgurli. A sample from the Oratava Mine at 160 feet assayed 2 ounces 15 dwts. per too. On the Kalgurli I have met with a strong lode showing visible gold. Water is increasing in all the shafts. Water right is developing most satisfactorily; as soon as erected plant must give good revenue. The Lake View soon as erected plant must give good revenue. The Lake View East is steadily improving. I am opening a new lode which is carrying good gold. New samples from the Kalgurli lode assay almost 2 ounces to the ton." arrying good gold. New samples from the Kangdin load assay lmost 2 ounces to the ton." HENRY NOURSE.—Results for August: Mill ran 30 days

60 stamps crushed 8548 tons, produced 4910 ounces; 5670 tons treated cyanide, produced 1874 ounces; total, 6784 ounces."

HOLCOMB VALLEY.—The manager, who is now returning to England, recently cabled:—"Through cement Nelson; we

to England, recently cabled:—"Through cement Nelson; we are now straining everything in our efforts to keep the water under. Prospects are decidedly encouraging for gravel." Under date of 20th ulto., he writes:—"I have faith in the granite gravel scheme, and also in the quartz scheme in the California Mine, and feel confident that both will yet pay a good return to the company. Nelson shaft down 87-88 feet in gravel and sand, with cemented boulders, water, and some colours. As to the California shaft he reports that the incline from 80 level atruck the lode on the previous and that the shaft is being constructs that the lode on the previous and that the shaft is being construck the lode on the previous, and that the shaft is being con-

IMPERIAL WESTERN AUSTRALIAN CORPORATION -Cablegram from the company's representative at Roebourne:

"Trial crushing of 20 tous of ore from the Laffers Pioneer
leases yield 35 ounces gold. The recently erected plant on the
Western Shaw property will commence crushing this week."

JUBILEE.—Cable, dated September 8:—"Last month's
crushing yielded 2150 ounces; last month's crushing yielded
5434 tons: last months crushing yielded 801 ounces tailings."

last months crushing yielded 801 ounces tailings.

JUMPERS.—Results for August:—A cablegram has been received from the head office at Jonannesburg, stating the following results for last month:—"Crushed 11,113 tons; obtained from mill 3829 ounces of gold; from concentrates equal to 374 ounces of gold; from tailings by cyanide 651 ounces of gold; total 4854 ounces of gold. Profit for month £2460."

KINSELLA.—Copy of cable received from the mine, September 7:—"Output for August. Ore mined, 800 tons; ore

treated, 850 tons; bullion recovered, 260 conces; mines, mills, and pans expenses, £1575; plant and other expenditure, £17; estimated value, total bullion, £950; mill ran, 25 days."

LADY MARGARET.—A cable from the manager, dated September 9, states:—"Have struck a flow of water (fresh)

shaft."

LANGLAAGTE ESTATE.-Production for August, by cable —"Mill. By stamps running, 160; ore crushed, 21,298 tons of 2000 lbs.; gold retorted, 6745 ounces.—Tailings. Cyanide process. Tons treated, 12,320 tons of 2000 lbs.; gold recovered, 1909 ounces.—Concentrates. Cyanide process. Tons treated, 545 tons of 2000 lbs.; gold recovered, 1545 ounces; total gold recovered, 10,190 ounces." recovered, 10,199 ounc

LANGLAAGTE ROYAL.-Johannesburg Consolidated In-LANGLAAGTE ROYAL.—Johannesburg Consolidated Investment Company (Limited) announce receipt of the following cable from the above company:—"Production for August, 4068 ounces, 105 stamps, 27 days."

LANGLAAGTE STAR.—Production for August, by cable:—"Mill. Stamps running, 60; ore crushed, 6240 tons of 2000 lbs.; gold retorted, 808 ounces.—Tailings. Cyanide process. Tons

treated, 3525 tons of 2000 lbs.; gold recovered, 608 eq

Total gold recovered, 1516 ounces."

LILLOOET, FRASER RIVER, AND CARIBOO.—To following cablegram was received from the Chairman:—"Lenty property. Contract for wire tramway signed with Messre. Frame and Chalmers to be completed in three months. Have returned from the Lardean district; our engineer, Mr. Jamieson reports excellent showing, and that near the surface has opened a large body gray copper. The old Sonoma claim is 2000 feet from the Broadview claim and the vein is increasing in size. Continual improvement reported from the Montgomery camp.—City of Spokane. Manager reports new vein discovered 210 feet south of tunnel, showing for about 500 yards, assay results satisfactory; are now sinking winze and shaft on original vein."

LUCKY GUSS.—The following cable has been received from the mine manager, dated September 9:—"Mine is improving Have struck good ore in the 6th level south." Extract from manager's letter, dated August 27:—"As far as I can delar mine now, we will have 85 feet of the vein towards the Orph May. We have the shaft timbered 50 feet, and will now stat the levels both ways. In the old workings we are now 400 feet. following cablegram was received from the Chairman:-"

May. We have the shart timbered of reet, and will now start the levels both ways. In the old workings we are now 460 feet deep, and driving levels both ways. South we have good on, and a streak 2 feet wide that runs better than 2 ounces. We have been into it now 15 feet, and it still holds good. The mine never looked so well as at present."

MAY CONSOLIDATED.—The following cable message, date:

Johannesburg, September 4, has been received at the office:"The yield of gold during the past month (August) was son
ounces from 12,150 tons crushed. Mill running 27 day.
Cyanide 1851 ounces from 9000 tons. Total for month 558

MENZIES ALPHA LEASES.—The following cable has been received from the manager:—"There is a great improvement (in) winze(s). The present width of reef is 2 feet; looks splend!

New incline shaft, same reef, 50 feet (depth); assay value for gold per ton, 7 ounces

per ton, 7 ounces."

MENZIES GOLD ESTATES.—The following cable has come to hand from the mine manager:—"Aurelia, No. 2 shut, Aspasia line, hanging wall side. We have struck a quartz win 18 inches wide, assaying 8 ounces 9 dwts. 9 grains per ton Full report is sent by mail."

MEYER AND CHARLTON.—Result of working for August.

-Main reef, 2799 tons crushed; south reef, 5767 tons crushed; leader reef, 936 tons crushed; total, 9502 tons. Gold wo. 2873 ounces; extracted from tailings, 1676 ounces; total, 450 ounces. Profit for month, £4394.

MIDAS EAST ESTATE.—According to cable advices from the head office at Johannesburg the reef in this property has been struck in the bore hole at a depth of 639 feet, and is co-sequence thereof the board has resolved to forthwith put don the main shaft.

McKENZIE GOLD MINES .- Mr. Frank Nicho sulting engineer, cables as follows:-" McKenzie-Glenloth, Re commence crushing September 14. Main shaft is down 140 feet Expect to reach water level in 12 feet."

MONASTERY DIAMOND.—Cable received 9th inst. state:

"297 loads last week yielded 20 carats."

MONTANA.—By cablegram from the mine the directors are formed that the total output for August was 6250 tons of one which contained gold, 2050 ounces, and silver, 11,980 ounce The estimated realisable value of the same is \$48,400.-k penditure. Working expenses on revenue account, \$34,00.

Outlay on developments, \$3100. Outlay on Blue Brd and Hickey Mine, \$1000. Extraneous expenses, including insurance, \$4400. Permanent improvements and machinery, \$300. Tell.

\$43,400. Estimated net result, \$5000, MOUNT GREENOCK.—The subjoined cable information in to hand from the manager:—"The second test bore bottomed 40 feet from surface; core shows 18 inches of comented with dirt, together with traces of gold. The third test books bottomed 53 feet from surface, showing 1 foot of cemetted wash dirt." (By mail advice July 27 the first test bore showed 24 feet of alluvial).

MOUNT HEPBURN.—The following cable has b from the general manager of the company:—"Have been work. Hope I shall be able to have sufficient machiner working during next month in order to treat 100 tons of or Miller (a director) has returned from the mine much

weekly. Miller (a director) has returned from the many pleased with the appearance."

MOUNT LYELL.—The following cable, dated September is the second of the following cable of the following from the second of the following cable. has been received by this company's London office from its hall office at Melbourne:—"From July 31 to August 27 industrated amount 2344 tons ore and 129 tons first matte on hadd date; last month's returns have been treated by one furna, resulting total approximate tonnage 313 tons copper mista containing copper 147 tons, silver 8065 ounces, gold 481 ourses. Average assay value of ore before treatment copper 5] me cent; silver 3 ounces 8 dwts. per ton, gold 4 dwts. per ton the sum of the manufacture of the month of the month. arranged to re-treat same by close of each of the month

MOUNT MORGAN.—Results for the month of August: Tons chlorinated, 8960; gold returned, 12,487 ounces.

MOUNT ORIENT.—The following cable has been recent

from one of the directors visiting the mine:—"40 tons cruist 145 onces. The machinery works badly." (This machinery is being replaced) being replaced.) MURCHISON NEW CHUM.—The following cable has

received from the mine:—"North level has driven in life.

The whole width is composed of slate formation and sul quartz veins 2 feet 6 inches, showing specks of visible in gold." MYSORE GOLD.—The directors have received a telegral

from the mine giving the return of gold for the month of August as follows:—"5300 tons of quarts produced 77 ounces of gold; 4460 tons of tailings produced 1202 ounces of gold; 1760 tons of tailings (cyanide process) produced 15 ounces of gold; total projection for the month, 9133 ounced gold." MYSORE REEFS (Kangundy). - The directors have a

a telegram from the mine, dated September 5, giving last modification of gold as follows:—"507 tons of stone produced is ounces of gold; 20 days milling."

MYSORE WEST AND MYSORE-WYNAAD CONSULTANTIAL CONSULTANTIA

DATED.—Tank Block. The manager cables the result a crushings for the month of August as follows:—"After a

rushings for the month of August as follows:—Attention of 614 hours, 1400 tons, 474 ounces of gold."

NEW COMET.—The Anglo-French Exploration Company (Limited), as London agents for the New Comet Gold Ming Company (Limited), have received a cable from Johannselff to the effect that the crushing for the lastmonth was as follows:

—"The number of tons crushed, 5950; the number of onse received from mill, 1778; the number of tons treated in the contract of the company of the contract of the c cyanide, 5497; the number of ounces recovered from cyanide, total number of ounces recovered, 3042, as coupling the last state of the coupling with July, which was as follows:—The number of tons craim 6612; the number of ounces recovered from mill, 1872; is number of tons treated by cyanide, 4573; the number of ources recovered from cyanide, 616; total number of ources recovered. 2488

NEW CRESUS.—Production for August, 65 stamps days, 2633 ounces.

SE NEV mining sunk 8 feet. sink a in the I NEW -A 08 Johann "Crush 542 oun NEW able f

10,161 c burg C receipt duction NEW onth o the beg NOR! states a winze h 89 feet i Byre."
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states :-Have se Hill, lea worked ! PRIN August : tracted f " Mill. 1 in smelte tion), 80

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tons; can WESTI appears the WOLH 2168 onno WORCE has been month's cr

New directors shares of 1 inst., to al August 31. August 31

NEW CHUM.—The following cable is to band from the NEW CHUM.—Ine following cable is to hand from the mining manager:—"Since last report the main shaft has been sunk 8 feet, total from No. 7 plat 17 feet, and from surface 627 feet. Have stopped sinking here for the time being, in order to sink a winze at 110 feet east of shaft in No. 6 level. The reef with a cert drive is improving." north drive is improving."
W HERIOT. — Last month's crushing yielded 6024

NEW HERIOT. — Last month's crushing yielded 6024 onness. NEW MIDAS ESTATE AND GOLD.—Results for August.—A cablegram has been received from the head office, Johannesburg, stating the following results for last month:—Johannesburg, stating the following results for last month:—Johannesburg, stating the following results for last month:—Johannesburg than the state of gold; but and the state of gold."

NEW PRIMROSE.—The Johannesburg Consolidated Investment Company (Limited) announce receipt of the following cable from the above company:—"Production for August, 10,181 ounces; profit, £8486; 160 stamps, 27 days."

NEW RIETFONTEIN ESTATE GOLD.—The Johannesburg Consolidated Investment Company (Limited) announce receipt of the following cable from the above company:—"Production for August, 2125 ounces, 50 stamps, 25 days."

NEW ZEALAND CROWN.—Tonnage mined during the month of August 920 tons, the highest monthly output since the beginning of the year; 200 tons have been added to the reserve at the battery.

NORTH CRŒSUS.—Telegram received from the manager states as follows:—"Crosscut to the east. Samples taken from the manager was as a year of the same as a same of the property of the same as a same of the property of the same as a same of the property of the same as a same of the property of the same as a same of the property of the same as a same of the property of the property of the same of the property of the same of the property of the same of the property of the property of the same of the property of the same of the property of t

states as follows:—"Crosscut to the east. Samples taken from winze have assayed 1 ounce 13 dwts. per ton. Winze 100 feet, 89 feet from east shaft. Prospects are decidedly encouraging.—

Eyru."

OCTAGON EXPLORERS. — Cablegram from Mr. John Reid, C.E., the company's resident director in Coolgardie, states:—"Breen has made a new discovery—a reef 2 feet 6 inches thick, 250 yards, East Tower Hill, lease No. 4387."

Have secured 48 acres. Average assay of ore is 3 ounces 17 data. If grains. Have secured 24 acres more adjoining Tower Hill, lease No. 4387."

EMAPLE IO.—Return for August. Crushed. 2150 tons:

Have secured 48 acres. Average assay of ore is 3 ounces 17 dets. 16 grains. Have secured 24 acres more adjoining Tower Hill, lease No. 4387."

PALMAREJO.—Return for August. Crushed, 2150 tons; worked 2100 tons, producing \$50,000; expenses, \$34,000. PRINCESS ESTATE.—Result of working for month of August:—Crushed 4111 tons; won 1994 ounces of gold; extracted from tailings 720 ounces. Total, 2714 ounces.

ROBINSON GOLD.—Production for August: By cable. Mill, 120 stamps at work; 16,062 tons of ore crushed, yielded in melted gold 10,923 ounces; from concentrates (by chlorination), 800 ounces; from tailings (cyanide process), 3042 ounces; from slimes, 1921 ounces; from own ore, 16,686 ounces; from encountrates bought (by chlorination), 4145 ounces; total gold recovered, 20,831 ounces; profit for the month, £35,500."

ROODEPOORT DEEP LEVEL.—Result of last month's crushing:—Battery ran 28 days, crushed 4570 tons, produced 1663 ounces; over plates 3163 tons cyanided, producing 458 ounces concentrates, producing 241 ounces; total production for the month, 2366 ounces.

ROODEPOORT GOLD.—The Johannesburg Consolidated Investment Company (Limited) announce receipt of the following cable from the above company:—"Production for August 1452 ounces, 40 stamps, 29 days."

ROODEPOORT UNITED MAIN REEF.—Result of operations for August:—"7820 tons crushed produced 3310 ounces: cyanide, 837 ounces; total, 4147 ounces; profit, £4970."

SOUTH BENDIGO.—The following cable has been received:—"Since last report the main shaft has been sunk 12 feet, total from surface 1012 feet. At 1050 feet will open out on the 25 feet reef disclosed in winse."

SOUTHERN NEW CHUM.—The London office has received from Mr. Chalmers:—"Produce month of August 14,600 citavas, equal to 2824 ounces troy, value £9494. Yield per ton 43 citavas (50 ounces troy)."

TALISMAN GOLD MINES.—The following cable has been received by the company from their representative at Perth

des: 879 ore noss. Ex-

smed wash has nted pwed

main mace, mate, moss.

SOLL

resived from Mr. Chalmers:—"Produce month of August 24,500 citavas, equal to 2824 ounces troy, value £9494. Yield per ton 43 citavas (50 ounces troy)."

TALISMAN GOLD MINES.—The following cable has been resived by the company from their representative at Perth (Western Australia), dated September 8:—"Shall commence to crash September 10; number of tons of ore on dump 1000; the average value of the ore on the dump, 3 ounces. Ore in aight amounts to 5000 tons. The mine looks exceedingly well."

TOLIMA.—The following cablegram has been received from our acting superintendent at the mines:—"Angust estimated returns (fine silver valued at 2s. 9d. per ounce), £4500; August estimated profit, £800."

TRANSVAAL COAL TRUST.—The following cablegr has been received from the head office at Johannesburg, as bearing on the company's operations for the month of August, viz.:—"Output, 33,800 tons; profit, £3100."

TREASURY.—Return for the month of August:—Tons creshed, 6009; yielded 2556 ounces, valued at £8215.

VAN RYN.—Production for month of August, by cable:—

"Mill worked 25 days, 50 stamps, 3847 tons equals 1086 ounces; concentrates, production for month in ounces, nil; cyanide works, 3900 tons treated, recovered 552 ounces equals 552 ounces; total amount of gold recovered equals 1638 ounces.

WAIHI GRAND JUNCTION.—The manager cables September 5:—"Grand Junction engine shaft is down 456 feet; Waihi West prospecting shaft, south drive, 348 feet; great improvement in this drive since last report."

WEMMER.—The following cable is just to hand, the result of work done here during August:—"7104 tons crushed, yield-

want west prospecting snait, south array, improvement in this drive since last report."

WEMMER.—The following cuble is just to hand, the result of work done here during August:—"7104 tons crushed, yielding 3506 ounces of gold (29 days); and from cyanide plant 5000 tons treated, yielding 1133 ounces; from concentrates, 174 tons; caught assaying, 100 dwts. (5 ounces)."

WESTERN ANDES.—Advices, dated July 19, by which it appears that the produce of the mines during June failed to reach the expenditure by about £200, owing to the continued drought preventing the stamps being kept fully at work.

WOLHUTER.—Result of operations for August:—100 stamps crushed 13,603 tons; produced 4472 ounces; cyanide, 2186 ounces.

Total, 6640 ounces.

WORCESTER EXPLORATION.—The following cablegram has been received from South Africa:—"The result of last month's crushing yielded 2476 ounces of gold."

New ELEMORN MINING COMPANY (LIMITED). — The directors have declared an interim dividend on the priority shares of is, per share, free of income-tax, payable on the 30th inst., to all shareholders registered on the company's books on August 31. The dividence of miners and Agast 51. The directors regret that the strike of miners and labourers at Leadville, which commenced on June 20 last, is still in operation, thereby necessitating a complete shut down of all operations on the company's properties since that date.

Any decisive information received will be at once communicated to the shaveholders. Any decisive informato to the shareholders.

We are informed that the Leicester Consolidated Diamond Mines (Limited) has just received a further shipment of diamonds of 24 (carsts, valued at £1600, comprised of extra white stones, of even finer quality than previous shipments, including several good thousand of between 15 and 25 carsts each.

### AFRICAN MINES' AUGUST OUTPUT.

	- 00	L.D	-			
	Mar.	Apr.	May.	Jane,	July,	Aug.
Appantoo	Ozs.	Ozs.	Ozs. 376	Ozs. 226	Ozs. 117	OE3.
Barrett	533	400	500	503	650	625
Block B	2,870	3,153	2,854	2,511	3,075	3,278
Buffelsdoorn	2,202	_	_	-		3,803
Champ d'Or	2,920	3,360	3,383	3,074	2,969	_
City and Suburban	8,203	7,835	8,351	8,296		10,794
Crown Reef		11,498		10,723		
Durban-Roodepoort	5,558	5,590	5,519	5,604	5,704	5,740
Ferreira	2,100 12,770	2,155 12 219	1,650 13,115	1,850 13,418	1,750	13 600
Forbes Reef	150	102	67	-	115	127
Graskop	310		204			164
Geldenhuis Deep	3,684	4,046	4,173	4,031	5,180	5,210
Geldenhuis Estate Geldenhuis Main Reef	6,204 $1,881$	6,139 1,655	5,897 1,214	6,889 1,589	7,319 1,495	6,368
George Goch	3,383	4,362	4,660	3,740	3,708	3,831
Ginsberg	938	1,175	1,018	1,015	1,084	1,112
Glencairn Main Reef	4,246	4,527	3,230	3,468	3,824	3,389
Joe's Reef United	6,166 175	6,223 227	6,298	6,649	6,904	6,784 248
Johannesburg Pioneer	2,621	2,613			3,064	3,149
Jabilee	2,323	2,485	3,059		2,812	2,951
Jampers	3,704	4,202	4,935	4,077	4,960	4,854
Langlaagte Estate	9,568	9,002	9,428	9,131 3,704		10,199
Langlaagte Royal Langlaagte Star	_	_	3,182 $1,207$	1,491	4,304 1,816	4,068 1,516
Lisbon-Berlyn	842	763	737	655	785	1,185
Lydenburg Ming. Estate	4,945	5,404	6,153	5,770	4 941	2,544
May Consolidated	3,871	4,323	4,878		4,741	4 540
Meyer and Charlton	3,457	4,006 1,379			4,249	4,549 2,658
Minerva Moodies	1,150	1,761			_	2,000
New Chimes	1,692	1,764			2,319	_
New Comet	233	-	-	_	2,488	3,042
New Crossus	2,724	2,441	2,772	2,454	2,577	2,633 6,024
New Heriot New Midas	6,045	6,011	6,033	6,014	5,961 731	1,559
New Modderfontein		_	2,172	2,778	3,150	-
New Primrose	9,105	9,547	9,004		10,752	10,161
New Rietfontsin	2,319	2,327	2,117	2,150	1,724	2,125
Nigel	1,798	2,001	2,026 897	2,274	1,990	1,850
Prem. Tati Monarch Reef	-	Great .	-	368	-	-
Princess Estate	1,537	1,671	2,072	2,274	2,432	2,714
Robinson	16,267	15,927	19,333			20 831
Roodepoort Gold	_	1,263	2,171	1,927 $1,214$	1,881 1,358	2,366 1,452
Roodepoort United M.R.	4,001	3,961	4,121	3,919	4,067	4,147
Salisbury	2,450	2,850	2,950	2,400	2,400	-
Sheba		10,340	10,024	8,589	8,100	8,005
Simmer and Jack	8,636 286	8,610	8,653	8,816	8,855 85	-
Spitzkop	870	960	920	1,100	1,100	1,030
Stanhope Satherland Reef	878	134	_	andre.	_	_
Tati Blue Jacket	-	-	_	328	-	-
Transvaal Gold	4,945	-	2,373	2,312	2,584	2.566
United Ivy Reef	590	649	570	700	685	2,000
United Langlaagte	367	_		-	_	_
Van Ryn	2,088	1,585	1,551		1,626	1,638
Wassau	E 909	5 507	345	388 4,636		4 511
Wemmer	5,202 5 524	5,597 4,778	5,148		6,135	4,511 6,640
Worcester Exploration	2,453	2,444	2,444		2,431	2,476
	DIA	MONDS	3.			
Koffyfontein	Carate, 4.500	Carats. 4,750		Carats. 4,150		Uarate. 5,050
Zonjionena	4,500 C	OAL.	0,100	#,100	=, =00	0,000
0-10-1	Tone.	Tons,	Tons.	Tons.	Tons.	Tons.
Cassel Coal				24,000 16,600		
Great Eastern		32,200		27,800	33,000	33,800
	201200	,00		,,0		,

### THE JOKER (YALGOO) GOLD MINES (LIMITED).

The following circular has been sent to the shareholders: The following circular has been sent to the shareholders:—So many enquiries have been received from shareholders as to when a trial crushing may be expected from the mine that your directors think it desirable to place before you the position of affairs. It was the original intention of the beard to put through a trial crushing of some 100 tons of ore at a public battery, with a view to demonstrating the value of this undoubtedly rich mine, but the company's agents advise that there are only two batteries at all accessible. One is of so old a type and in such a dilapidated condition, that in all probability not more than one-third of the assay value of the ore would be obtained, besides which we should have to pay 30s. per ton for crushing, and cost of cartage extra. The other battery is 26 miles distant from our mine, and the cartage alone would cost no less than £5 10s. per ton beyond the charge for crushing. Your directors have, therefore, abandoned the idea of crushing at a public battery, as, by the same mail which brought the above information, they learn that our own machinery ordered for the company's use has now arrived at the mine, and a representative from the manufacturers is on the spot to superintend its crection. Owing to the forward state of the preliminary arrangements for the mill site, buildings, &c., your directors hope in about two months' time to see our own plant completed and at work. In the meantime, the developments are being pushed on most vigorously, as shown by the fortnightly reports received from the mine manager, which have been inserted in the financial papers for the information of shareholders. Your directors feet that the anticipations which so many enquiries have been received from shareholders as to

been inserted in the financial papers for the information of shareholders. Your directors feel that the anticipations which have been held out with regard to this property will be fully realised, and that the shareholders may look forward to finding themselves associated with one of the most promising under takings in Western Australia.

### NEWHOUSE TUNNEL.

t :-- " During the month of July the tunnel was driven 130 feet, but owing to floods which occurred about the middle of that month, part of the railway which carries the coal used at the tunnel was washed away; consequently we were without coal, and we are now advised that, so far as driving goes, work was discontinued for a month, though the time was very usefully employed in other necessary work. Driving was recommenced 24th ult."

The London agents of the Randfonthin Estates Gold Ining Company, Witwatershand, Limited (the Robinson MINING COMPANY, WITWATERSEAND, LIMITED (the Robinson South African Banking Company, Limited), have received cable advice of the dispatch, by mail, from Johannesburg, of the bonus share certificates of the Porges Randfontein Gold Mining Company (Limited). The certificates will probably be received in London at the end of this month, and will be forwarded by the London agents to the shareholders without

The HAURAKI GOLD MINING COMPANY have declared a dividend of 1s. per share, payable on 29th inst.

### NEW ISSUES

### NEW OPTIONS COMPANY.

NEW OPTIONS COMPANY.

The share capital of the New Options Company (Limited) is £50,000, in £1 shares, of which 40,000 will be issued fully-paid to the vendors as purchase consideration, and the balance is now offered for subscription. The prospectus states that the company has been formed to take over the assets of the New Options Syndicate, Limited (in liquidation), except its uncalled capital, cash and gold in hand; to provide additional working capital for the development of the syndicate's mining property—the Monarch Gold Mine, 60 acres in extent, and adjoining property, in the Beechworth d'strict of Victoria, and to carry out its objects on an enlarged scale. With regard to development, it is stated that crushing returns show that 20 tons from the outcrop yielded 6½ ounces of gold to the ton, and 20 tons from the Monarch Mine produced 385 ounces, the most recent result being 27 ounces from 13 tons. It is added that the district possesses great natural facilities for extensive development and should the anticipated favourable results accrue, it is intended to resell the property to a larger company. Since the date of the prospectus, a cablegram has been received from Mr. Davey, dated September 7, notifying that as a result of a further crushing of 13 tons of ore, 27 ounces of gold were obtained, and that the shaft has reached a depth of 60 feet, the lode being 8 feet wide, of the estimated value of 10 dwts.

### NORTH STAR GOLD MINES (LIMITED).

NORTH STAR GOLD MINES (LIMITED).

With a capital of £125,000, in £1 shares, this company has been formed to acquire and work gold mining leases Nos. 528, 529, 3213, 4069, 4165, 4245, which with a machinery site of 5 acres comprise a total area of 113 acres, together with the battery and machinery now on the mine. The property is situate about 6 miles south-east of Mount Malcolm in the Mount Margaret district of the North Coolgardie gold fields, Western Australia, and has been reported on by Bewick, Morsing and Co., Jas. Linn Sherlaw, W. Adams, jun., M.E., M.A.I.M.E., J. Read-Roberts, David Lindsay, F.R.G.S. (report to the directors). A reference to their reports shows that with respect to:—Developments: Five shafts varying in depth from 24 feet to 70 feet have been sunk on the property together with several costeans.—Reefs: There are four distinct lines of reef traversing the property with gold well distributed.—Yield: The value of the ore varies from 2 ounces to over 4 ounces per ton.—Cost of Production: This is estimated at £1 155, per ton.—Water: Besides an inexhaustible supply of salt water close at hand, there is a fine supply of fresh water on the property.—Timber: Mining timber ample. Fuel plentiful.—Machinery: The vendors having acquired the property, and carried out a considerable amount of development work for some months past, were advised that the results justified the immediate erection of machinery.

MOUNT YAGAHONG GOLD MINING AND EXPLORATION (LIMITED).

On Thursday last Major F, Heritage presided at Winchester House at the statutory meeting of this company. He said that at the time when the company was brought out, things were in a state of very considerable depression in the mining world, and many companies which were floated had but a very poor response from the public. That, however, was not the case with this company. They were advised that a clear capital of £10,000 would be sufficient to enable them to proceed and bring the company into a dividend-paying condition. The directors, therefore, had it in view that if a sufficient amount were not subscribed, they would not go to allotment. He was glad to say that after the vendors' claim had been satisfied, there remained £10,000 for working capital, and they had no reason to suppose that it would not be sufficient for all purposes. After explaining that an arrangement had been arrived at for placing shares in Paris, he pointed out that the property consisted of three different leases. Development had not proved very satisfactory in the Extended Block, but in the Ethel May a lode had been struck which was suspended, but not proved at the time when they took over the property. The owners of an adjoining property, called the Pelican, had also sunk a shaft near the boundary of the Yagahong leases, and they had strock a rich lode of ore which, in the ordinary course of things, must run through the company's property. They had, therefore, had communication with the object of buying the adjoining lease, but up to the present satisfactory terms had not been arranged. Mr. Willis, who had charge of the property before the company took it over, had been engaged as manager, and from his recent reports it appeared that there was an abundance of good water, and so far many of the developments had proved very satisfactory. The directors were in negotiation now for sending out machinery to the mine. Afterwards addressed the meeting, and spoke very hopefully of its prosp

### COMPANIES AND LEGAL ANNOUNCEMENTS.

Advertisements are inserted in this column at the rate of 2d. per line, with a minimum charge of 7s. 6d.

### THE HAURAKI GOLD MINING COMPANY (LIMITED).

(LIMITED).

NOTICE IS HEREBY GIVEN, that a DIVIDEND of 1°. per Share, free of Income Tax, will be PAID on and after the 29th day of September, 1896.

Holders of Share Warrants must lodge Coppor, Serial No. 6, at the office of the Credit Lyonnais, Paris, or at the Company's Offices, 97, Dashwood House, New Broad Street, London, E.C., three clear days for examination.

W. J. LAVINGTON, Secretary. London, 8th September, 1896.

# THE BRILLIANT GOLD MINING COMPANY (LIMITED),

CHARTERS TOWERS, QUEENSLAND. LONDON REGISTER.

NOTICE IS HEREBY GIVEN, that a BRANCH REGISTER

of SHARES for the United Kingdon has been Established by the Brilliant Gold Mining Company (Limited), of Charters Towers, Queensland, and is NOW OPEN and kept at the London Offices, situated at Blomfield House, London Wall, E.C.

No Shares can be entered on the London Register unless and until the Certificates have been marked for transfer to that Register, for which purpose they must be first lodged at the chief office of the Company at Charters Towers.

ARTHUR GIFFARD, Acting London Secretary. Dated the 10th day of September, 1896.

# LANGLAAGTE ROYAL GOLD MINING

COMPANY (LIMITED).

NOTICE IS HEREBY GIVEN, that the GENERAL MEETING of this Company will be held at of this Company will be held at Johannesburg on the

Transfer Books will be closed from the 22ad September to the 13th October, both days inclusive. By Order

Johannesburg Consolidated Investment Company (Limited), T. HONEY, London Secretary. 7, Lothbury, E.C., 11th September, 1896.

# L. LePersonne and Co., London.

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GOBDON WILSON, Esq., The Australian Gold Recovery Com-pany (Limited), Charters Towers, North Queensland.

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Having houses both at Coolgardie and Kalgoorlie, they possess unusual facilities for despatching from there either by Waggons or Camels to any part of the Eastern Gold Fields.

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LOCOMOTIVES.—Six wheels coupled, by Manning, Wardle, and Co., 12 inches by 17 inches, now near Cardiff; also six wheels coupled, by Avonside Engine Company, 14 inches by 20 inches, now at Cardiff; also ix wheels coupled, by Sharp, Stewart, and Co., 17 inches by 24 in:hes, now near Cardiff; allo recently thoroughly overhauled, and ready for instant work; sheep for cash, or three warral redemotion purchase. years' redemption purchase.

Full particulars on application,

### MINING AND INDUSTRIAL EXCHANGE OF NEW YORK.

THIS EXCHANGE is in communication with every Mining District of the United States. It advises Investors as to the progress and condition of Mining Companies, and executes Orders for Stocks. It arranges for the Examination of Mining Properties by Qualified Experts at a reasonable cost, It has many first-class Productive Mines on its books for sale on strictly "bedrock" terms. Its business connections are of the highest character. All communications should be addressed to the SECRETARY.

Mr. CHARLES MILES, 79. WASHINGTON BUILDING, NEW YORK CITY, N.Y.

### THE DURHAM COLLEGE OF SCIENCE NEWCASTLE-UPON-TYNE.

DEPARTMENTS OF MINING AND ENGINEERING.

THE College offers COMPLETE COURSES OF INSTRUCTION

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Special facilities are afforded to Mining Students for obtaining a practical knowledge of their subject in the Collieries of the district. The courses next Session will include Special Classes in Surveying, Ore Dressing, and Gold Mining.

The Degrees and Titles of the University of Durham are open to Students of the College.

Calendar (1°.) and Prospectuses on application to the Secretary.

### FIRTH COLLEGE, Sheffield. DEPARTMENT OF MINING.

SIXTH SESSION.

THE ADVANCED COURSE IN COAL MINING WILL COMMENCE on OCTOBER 7th. The instruction is given two days a week for three years, and is intended for Colliery Students who may at the same time be articled pupils.

The Saturday Afternoon Classes in Coal Mining will commence the same articles and the same state of the same time be articled pupils.

on October 3rd. These classes are held from 2 to 6:30 p.m., the complete course lasting for two years.

Instruction is also given in Metalliferous Mining and in Assaying. Detailed information as to subjects of instruction, certificates, fees, &c, may be obtained from the College Calendar, or from the Registrar, Firth College, Sheffield.

### SCHOOL OF MINING, ENGINEERING, AND METALLURGY, TRURO, CORNWALL.

M ESSRS, HENDERSON and SON, Civil and Mining Engineers, of Truro (established 1855), beg to announce that they have considerably increased their accommodation for Pupils, and have extended the scope of instruction, so as to include all Theoretical and Practical Subjects which are of importance to the Civil and Mining Practical Mining Engineer. PRINCIPALS.

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Captain W. RICHARDS, formerly Underground Agent, West Capital W. RICHARDS, formerly Underground Agent, West Basset Mine, Redruth. T. GRAHAM MARTYN, Royal Exhibitioner and Associate of the

T. GRAHAM MARKITS, Royal Exhibitions and associate to the Royal School of Mines, London. General and Surveying Offices, 30 and 31, Lamon Street, with a field within 100 yards for the use of beginners in Surveying. Metallorgical and Assay Office, Enys's Quay, Truro. Particular advantages are afforded in Small Classes and individual

Particular advantages are alterted in Small Classes and individual Instruction, with frequent access to Mines and Works in all parts of the County.

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LONDON: SEPTEMBER 12, 1896.

# ANNUAL REPORT ON MINING IN

VIUIUNIA.

WE have quite recently laid before our readers an account of the annual reports of the respective. Mines of Queensland and New South Wales, and have now the pleasure of inviting their attention to a summary of the Victorian report for the year 1895. Unlike the other colonies, Victoria is, as far as mining is concerned, almost exclusively a gold mining region. Thus in the year in question the total value of all the minerals produced is returned as £3,083,324, out of which gold is accountable for a total of £2,900,314, leaving as the value of all the other minerals only £122,980, or (say) some 4 per cent. of the total. Of this latter figure, nearly the whole is the result of coal mining; the production of coal was about 196,000 tons, valued at £119,448, so that but little is left for the other minerals. Of these others, it need only be said that tin ore is showing a well-marked improvement, although the output of this, the earliest tin-producing colony of Australia, is really insignificant. The coal production is growing very rapidly and very healthfully. The year's output, small though it is only equal to that of one very moderate sized colliery in this country, is, nevertheless, more than one-half of all that had been raised in the colony before the beginning of 1895, so that the advance is a decidedly rapid one. There is, accordingly every indication that the coal production of Victoria will before very many more years rise to be a factor of some importance is the mineral output;

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The gold production is given as 740,086 ounces, being an inrease of 66,406 ounces over the output of 1894, and the largest peorded since 1884, so that the recent improvement in gold mining is apparently well maintained. It seems, however, that the Department of Mines has this year made an effort to obtain ester accuracy in this figure than heretofore. It is, of course, well known that figures can be made to prove anything, and whilst all statistics are unreliable, mineral statistics would seem to have an unenviable notoriety for inexactitude. It is not, perhaps, too much to say that there are no such things in any -our own not excluded-as correct mineral statistics, nd the gold returns of the various Australasian colonies are  $q_{
m ult}$  as bad as those of other nations, if not rather worse. It aust not be supposed that Victoria is any worse than her sister colonies, although she seems the first to honestly acknowledge her shortcomings.

Gold statistics have been obtained here, as in the other colonies, by means of returns from the local authorities on the various gold fields, these being the Mining Registrars' in this particular instance. The Registrars are not furnished with any legal authority, as we venture to think they should be, to collect these statistics, but have to depend on the voluntary statements of producers and buyers, and more especially on the local branches of the various banks. In addition to this the registrars are not statisticians; it is very doubtful shether any of them have studied this science, and it is quite sertain that such knowledge is not taken into consideration in determining their fitness for the post, which demands, indeed, qualifications of a very different order. The result is, however, that they do not probably make the best use of the material which they accumulate, and defective returns are the inevitable result. Besides the Registrars' returns there is another method which can be employed for determining the gold output, and that is by the Mint returns. The bulk of the gold got goes to the Melbourno Mint, and a very small amount to the Sydney Mint, there being also a certain amount in the hands of the various banks. By adding or substracting the increase or decrease, as the case may be, of the stocks thus held, the total year's production may be arrived at, it being taken for granted that none of the gold finds its way out of the country except through the Mints. There seems to be no reason why gold should all pass through the Mint, except that this is the readiest and most rapid way of realising upon it. In any case, however, it is difficult to see how the output thus arrived at can be in axess of the actual output; if anything, it may be expected to be below it. The following figures show the comparison between the output as arrived at by these two methods for the last two Vears: -

Calculated from Mint returns	716,955 673,680	****	740,086 693,837
Difference	43,275		46,249
It will be noted that the difference is, portional to the total; and, furthermore	roughly	speaki	ng, pro-
calculation show a substantial increase	in outpu	t for 1	895—the
and 20,157 ounces, according to the	rns, being Registrar	23,13 s' retu	rns. If,
however, the newly-introduced method whole probable, the correct one, and is	d is, as	seems	upon the
for some 40 years been undervalued in t	he propo	rtion w	hich the
above table seems to indicate, the grand of Victorian gold, which is here given			
has not, however, been applied, althou	ounces. '	This co	orrection
right that such a serious error having b	een discov	rered, t	he older
Matistica should be revised in accorda	nce with	the c	orrected

With regard to the richness of the quartz crushed, crushings reported to have produced 368,035 ounces of gold; there is, owerer, a discrepancy in the statements as to the amount of artzthat was crushed for this yield, this amount being stated the body of the report as 855,736 tons, making the average field 8 dwts. 14 grains per ton, whilst in the statistical tables the quantity is given as 875,738 tons, and the yield as 8 dwts. gains. We have, naturally, no means of deciding which of the figures is the correct one. The total number of men om-ployed in gold mining during 1895 is given as 29,897, of which mber 15,476 were sugaged in quartz mining, and the remainder a slluvial. The amounts of gold produced from these respective cross is set down as 413,934 ounces and 279,903 ounces espectively.

The collection and publication of the above statistics is one of he main functions of the Department of Mines, and a most portant one. We are, however, very glad to see that other s are not being neglected, as witness the following quotaon from the opening pages of the report : - " While the advango to the mining industry which would inevitably accrue a the introduction of English capital to assist in developing he known auriferous leads and lodes of the colony has been of prominently in view, it has at the same time been fully mised that incalculable injury, rather than benefit, n alt from the investment of such capital in anything but ritimate ventures; it has also been recognised that it was wy the duty of the Mining Department to discountenance by my means in its power the foisting on the English capitalist, for ot, carefully prepared reports, accompanied by the necessary he investing public."

tending investors could, on application to the Agent-General, have a telegram sent out and receive an official cable reply as to the value or worthlessness, as far as known to the Mining Department, of any particular property. No sane investor would grudge the payment of a reasonable fee for such an official telegraphic report, or, if he did, it would certainly serve him right if he were victimised, as he would deserve to be. At the same time, the mere knowledge that such a system were in existence would suffice to warn off operators in the colonies who look upon the London market as the dumping ground for their worthless properties. We cannot too strongly commend the Victorian Mining Department for the steps they are taking, and we hope that they will see their way to supplement these as we have suggested.

Another excellent piece of work is the erection of a testing plant with all the most approved modern plant for the treatment of gold ores at the Bairnsdale School of Mines. Such a plant is not only an invaluable educational weapon, but is bound to have a great practical effect upon the progress of metallurgical science in the whole colony. Victoria is at last waking up, and instead of being the most backward of the great gold producing centres it will at no very distant date, at this rate, take its proper place in the march of technical progress, if it does not indeed manage to lead the way. It is to be devoutly wished that our Home Government could see its way to furnish the London School of Mines with a similar complete equipment for the study of practical metallurgy. In that case we should, perhaps, not have the mortification of scoing that, when our Australasian colonies require expert metallurgical advice-as with as Broken Hill and Mount Lyell-they are compelled to seek for it in Germany and in America, and there might be some chance of our regaining the position which Great Britain once held as the foremost metallurgical country of the

### MARKS AND COMMERCE.

THE London Chamber of Commerce has always been of two minds with reference to the Merchandise Marks In this it fairly represents the country at large. Other Chambers generally go wholly for or against the Act. The shipping interest has a strong representation on the Metropolitan Chamler, and it is an open secret that its powerful influence recently prevented some valuable suggestions for the amendment and administration of the Act affecting other trade interests from taking practical shape. The administration of the Act by the Customs has given the shipping trade some cause to complain of the burdens imposed on import trade, and as some compensation the trade has been desirous of taking advantage of the increased business the Act is bringing by reason of the laxity of the Board of Trade in putting into operation those provisions of the Act which affect goods after they have arrived in this country. It is notorious that a large business is growing up of importing foreign goods, unmarked, into this country in order that they may be marked with English marks and then exported as English goods. In this way, London is again becoming, as it was, the emporium of the world's market. The friction in the shipping trade, which the stringent enforcement of the Act by the Customs caused, is being avoided by bringing goods into this country, unmarked, for the Act only affects goods which bear marks. Once in this country the goods have English marks affixed, owing to the two minds which exist in the London Chamber of Commerce. The Board of Trade, upon whom the Act imposes the duty of seeing to its being enforced as to goods after they have passed into the country, allows these marks to be affixed with practical impunity. In this way goods which have been imported are marked and are either disposed of in the country or are exported as English goods bearing not only the misleading English mark, but the verification of the English export. In this way the shipping trade is again swelling, and it would be more, perhaps, than human to expect of it such a solf-denying ordinance as would be involved in refusing to reap a profit arising from an increase of trade, although the benefit is made at the expense of producers within the kingdom.

As long ago as December, 1893, the London Chamber of Commerce was stirred by the fact that in this way the white lead and paint industries in this country were being seriously affected. A circular was then issued calling the attention of wholesale and retail dealers in white lead to the frauds being perpetrated, and to the fact that almixtures of foreign and English white lead were being sold and warranted as "genuine English white lead." In that circular care was taken to draw attention to the provisions of the Act, and the severe nature of the penalties imposed for their infringement. That the Chamber should have expected, in the absence of a consistent enforcement of its provisions by the Board of Trade, that such a notice was likely to prove of serious use, is scarcely probable. However, a further circular has just been issued. In it the secretary-Mr. KENBIG MUBRAY-again calls special attention to his previous pronouncement. He further a Guarantee Fund has been formed by the White Lead Trade for the purpose of undertaking, through the Board of Trade or otherwise, actions against offenders under the above-mentioned Acts, in order to prevent further injury to the White Lead Trade, in consequence of the practice ref-rred to. The fund of, carefully prepared reports, accompanied by the necessary as giving full and reliable information in regard to the proved understand, is likely to be considerably increased. It risrous leads and lodes of the colony, have been sent home at its high time that the country should make up its reliable information. Marks Act the intervals to the Agent-General to be made available to mind whether it will have the Merchandise Marks Act or not. To enforce it in one place or occasion and not This passage is too important not to be quoted in full, and we in another is not good policy. Let us either have no Act nitalicised the leading sentence in it. This is assuredly a at all, or let it be enforced not merely at the Customs, or in is in the right direction at last, and we only hope that the this or that trade, but consistently and impartially by a respon ing Department, having thus discovered its duties, will take, sible Government or other official, whose duty it shall be to see to perform them in a thoroughly efficient manner. It that our home trades do not suffer by provisions of an Act add strely be an easy matter to arrange a code so that in- which was passed in the interest of honest commercial dealing. opinion. We note that he puts after his name the initials M.E.,

### BROKEN HILL PROPRIETARY.

O those who hold a high opinion of the future of the Broken Hill Proprietary Company, the half-yearly report presented at the meeting in Melbourne, and a copy of which we have received by this week's mail, should give ample encouragement. Now that the treatment of the sulphides is a problem likely to be successfully solved, the prospects of this colossal concern are almost incomputable, and are certainly of the rosiest description. During the past 12 months we have had occasion for dealing so much with the position of this company that it is difficult to find anything new to say. In the short space of six months any considerable improvement and progress cannot be expected, and, therefore, the report before us tells us little beyond what we already knew. The significant fact is that the improvement is in the right direction, and that progress is making slow, but sure, guides to ultimate prosperity. The last half-yearly report dealt much with the damage done by the late fire, and the considerable expenditure it incurred, but in the present decument the subject is dismissed in a few words. The paragraph in reference to it says: - "It is a source of satisfaction to your directors to be able to state that at the moment there does not appear to be any necessity for anticipating further trouble and expense in connection with the fire in Block 11, and that expenditure during the period under review has amounted to only £2943 6s. 4d. Present indications tend to the belief that any existing combustion has been successfully confined within a limited area, and will not materially retard or interfere with the work in the vicinity." This is most encouraging, and bids fair to be the last word we shall hear on this unforturate calamity. As regards the quantity of ore in sight, we learn no more than was contained in the circular issued on June 5, and upon which we commented at some length. This circular, it will be remembered, stated that the available quantity of oxidised ore, approximately averaging 15 ounces silver and 12 per cent. lead, was calculated at about 1,250,000 tons, a considerable increase on previous figures. An estimate of the extent and quantity of the known and proved bodies of sulphides from the northern boundary to Jamieson shaft to the No. 4 level, and thence to the southern boundary to the No. 5 level, was given as 2,019,000 tons, assaying on an average 18.5 ounces silver, 24.3 per cent. lead, and 21.9 per cent. zinc. A further quantity of 600,000 ton, is considered to be within those limits, but its extent has not yet been fully determined by the present prospecting operations. The same circular announced a possible reduction in the output, and of the intention of the directors to erect an extensive concentration plant of not less than 5000 tons weekly capacity, on lines which experience of the past few years has proved to be the most efficient, in order to obtain a suitable product from the sulphides for smelting in conjuction with the emaining oxidised ores. We now learn that the necessary plans, which provide for an enlargement up to 10,000 tons have been prepared, and the work of erection will shortly commence, and should be completed before the end of the year. Meanwhile, it is not intended to interfere with the present reduction plants, or with the ordinary course of operations either at the mine or at Port Pirie. Such evidence as all this cannot but give hopes of a prosperous future, which is further assured by the fact that, now that the fire is no longer an obstacle, the exploratory or prospecting work has, during the six months, been prosecuted vigorously, and on a larger scale than at any previous period. The expenditure, we are told, has been heavy, but the results are gratifying, and it is intended to push on the work until a proper estimate can be made of the extent and value of the great bodies of sulphides which underlie the present workings.

### GOLD ESTATES OF AUSTRALIA.

The directors of the Gold Estates of Australia (Limited) have just issued to their shareholders a circular, from which the latter are likely to derive considerable encouragement, and on the statements contained therein to build high hopes of future prosperity. The circular is of a nature which merits attention at our hands, and though we are, to some extent, pleased with it, and are led to form a somewhat favourable opinion of the company's future, we would coussel shareholders and the public not to be carried away by any exaggerated idea of what is likely to happen as a result of further development. From a long experience of circulars of a similar character, we naturally read them with more calmness and critical judgment than the average investor, for it is a common thing for results to belie the expectations which directors have encouraged shareholders to form. We do not wish it to be inferred that anything of this kind will happen to the Gold Estates of Australia, but it is within the regions of possibility, and should, therefore, conduce to restrain any feeling of enthusiaem which might follow the reading of this glowing circular. The directors first touch upon the Union Jack lease, at Hannan's, which the company has acquired jointly with the Octagen Explorers (Limited). We are informed that in this lease an important ore body has been developed, and that at a depth of 113 feet the lode is 3 feet 6 inches wide, giving assays of 2 ounces of gold per ton on the hanging wall side, and 16 dwt. across the rest of its width, "the gold contents of the lode showing a great improvement in its value upon the upper level." The manager reports :- "It is a well-defined lode, and has a most promising appearance, its composition being similar to that of the rich lodes in this district," whilst Mr. ROBERT GIBSON, M.E., is of opinion that the mine will develop into a fine property. As we have already said, nothing could be more encouraging, and it is to be hoped no pinching out will occur, and thus cause grievous disappointment to the expectant shareholders. We are not aware who Mr. Robert Gisson is, and, therefore, cannot estimate the value of his

them, indicating that he was an influential member of some wellknown institution, and thus have prevailed upon us to attach more value to his views. We are likewise informed that on the Southern Boulder Lease at Hannan's "a large gold-bearing lode formation 40 feet wide has been discovered and is now being driven upon at depth. But, perhaps, after all, the most encouraging part of the circular is that which relates to the company's interests in the Menzies Alpha Lease and Menzies Consolidated Gold Mines. Our readers do not need to be informed that both these companies are doing extremely well, and that their prospects are of the brightest. Most encouraging reports are received regularly from these properties, confirming the high opinions which have been formed of their future by those who have followed the course and the results of developments. Shareholders are also led to expect something from a large property which a Mr. Expers is on his way to examine, "containing," the circular states, "immense deposits of auriferous and argentiferous copper Mr. Ekberg has already seen this property, and has formed a high opinion of it, and if further examination of it should confirm the high hopes he has formed of it, the shareholders of the Gold Estates will have it submitted to them for their further consideration. In conclusion, we must repeat that we are ourselves quite satisfied with the information published in the circular, and from it our hopes of its future success are in a great degree confirmed. But it would be folly in the present stage of development to expect too much, and as the shareholders might be led to form an exaggerated opinion we would advise them to read the circular with calmer and more critical judg-

### BRITISH TRADE IN AUGUST.

For the first time for many months the Board of Trade Returns are at first sight distinctly and uncompromisingly disappointing. As compared with the same month of last year, the August returns show a decrease of 6'1 per cent. on the imports, and of 0.9 per cent. in exports; and the comperison in question is strengthened and justified by the fact that the same number of days have figured in both months thus brought into contrast. At a time when many commercial oracles are talking of a distinct revival both in the volume and vigour of British trade, it is somewhat unexpected and disappointing to find something in the nature of an industrial relapse in the trade statistics for the United Kingdom. It is, therefore, not surprising that the trade for August compares favourably enough with the other months of the present year, and that it only falls markedly short of the total for August, 1895, because the trade statistics for that month were of an unusually satisfactory and expanded character. At the same time, it is not altogether easy to disabuse the mind of the impression that the decline in the imports is unfortunate, although, at the same time, analytically regarded, it may not prove to be so unpropitious. In the first place, the rebate is mostly due to a smaller import of food stuffs-a c'rcumstance which is obviously attributable, not to any falling off in home consumption, but rather to the tactics of those gentlemen who are wont to speculate in these particular commercial products, and who have thus brought about a certain decline in a highly important branch of commercial activity. For metals, the report is rather more reassuring. There is, for instance, an advance of a quarter of a million sterling registered in this direction, mainly for copper. So far as the market for mining machinery is affected by the state of affairs Citywards, there is positively little ground for discouragement since the inception of new enterprises is still proceeding on an active scale, and those mines which have already been in existence for a considerable time, or which have been called into being within the present period of revival, are proceeding with the work of providing the necessary equipment of machinery and of development, with all the accustomed and necessary activity. It must, of course, be borne in mind, in reading the Board of Trade statistics, that they are not always a strictly reliable indication of the real state of the home industries and markets, since there are a variety of special causes producing an effect upon the result which are none the less important because not readily grasped or easily measured. Altogether, then, despite the somewhat disappointing character of the statistics for August, we see absolutely no reason for grave apprehension, or even for any large measure of disquietude in the present commercial out'ook. The summer vacation having nearly come to its close, there are signs of a reawakening of industrial energy, and the present autumn and impending winter may safely be expected to esta blish a satisfactory record in relation to the working of the industries not only of Britain proper, but also of the more important colonies situated on the extreme border lines of the Empire.

### THE CONSOLIDATED GOLD MINES OF WESTERN AUSTRALIA.

For a considerable time past great disappointment and dissatisfaction have been expressed by the shareholders of this company at the reticence of the directors in not publishing information respecting the development and progress of the properties which it owns. It is not surprising, therefore, that many were beginning to disbelieve in the value of the properties, and were becoming anxious to sell their interests. In coasequence of this lack of information the shares have naturally been for a long time neglected, and during the past 12 months have fallen to a price which must have cause I some concern to patient holders. We, ourselves, have likewise won leved at this reticence of the board. and have been unable to un lerstand why they have not taken the shareholders more into their confidence. It is true that now and then an announcement has appeared that the machinery was on the way to the mine, and that crushing would commence at'an early date, but the progress of the machinery seemed to

but we would wish that some other initials had accompanied be so slow, and the prospect of crushing seemed to be so distant, that many were beginning to wonder whether the former would ever be erected, and whether the latter would ever take place. It is gratifying, however, to learn that all these fears have been unfounded, for during the past week the directors have issued a lengthy circular giving some particulars of the properties which the company holds, and of the progress which has been made in developing, and the positions which they respectively hold. From this circular we learn that the Coongan Mine is now fully equipped with machinery, which comprises three Huntingdon mills. The directors give no specific explanation of the delay in erecting the machinery, beyond remarking that it occupied several months longer to build and erect than was originally expected, owing to the many difficulties to be overcome in opening up these new districts. When it is working smoothly and continuously the manager expects to be able to crush 500 tons per month of good paying ore. The long-expected crushings have at last commenced, the first and second giving a return of about 14 ounce to the ton, which, according to the estimates of the manager and a Mr. Brenton Symons, will give a gool margin for profit. The circular contains reports by Mr. Brenton Symons, M.I.C.E., a well-known expert, upon the different properties controlled by the company, and these are of a favourable nature, so that it is most likely that the late fears will be superseded by encouragement. The shareholders are also promised a further report from Mr. Augustus S. Roe and Mr. Brenton Symons, who have returned from a tour of inspection of all the company's properties. The directors, therefore, seem desirous of making up for their relicence, and now that they have done so it is to be hoped that they will in the future give no further cause for complaint, but that they will keep the shareholders and the public regularly posted up with information as to the progress and condition of the various properties which the company possesses.

### PROGRESS IN IRONSTONE MINING AND TREATMENT.

THE visit of the Iron and Steel Institute to Bilbao has directed attention to a subject which, perhaps, hithert) has scarcely eccived at the hands of that body the degree of notice which its importance warrants—namely, the progress of ironstone mining. Quite a scramble for the rich mineral treasures of the peninsula is evidently taking place among the various iron and steel manufacturing countries, nine-tenths of the total Spanish iron ore production being smelted outside Spain itself-in England, Germany, France, Belgium, and the United States. The extent to which the world is going to Spain for this purpose will be recognised when it is pointed out that over 53 million tons were exported from that country last year. The output of ore in the Bilbao district has doubled during the past 14 years. No wonder that Senor Dow PABLO DE ALZOLA, C.E., director of the Altos Hornos Company of Bilbao (which employs 3000 men), advocates protection for the metallurgical industries of Scain by the imposition of reasonable duties upon ironstone exports. indeed, appear within measurable distance, though from a different cause, for it is stated that it is partly by the levying of such imposts that the Spanish Government intend to meet the expense of important new harbour works which have been commenced, and which are to cost about £1,500,000 sterling. If any such policy is carried out, no doubt Sweden will benefit. The rich ores both of Spain and of Sweden, however, cannot last for ever, and in view of their steady reduction in quantity, metallurgists are wisely devoting more attention than hitherto to the enrichment and improvement of unsuitable ores, more particularly for the open-hearth steel process. Since for this purpose magnetic concentration occupies a foremost place much interest attaches to the paper contributed by Professor WEDDING, of Berlin (a Bessemer gold medallist), entitled "The Roasting of Iron O.es with the View to their Magnetic Concentration." It has not been until recently that roasting proesses have been employed in order to render iron ores magnetic, so that they can subsequently, by magnetic concentration, be freed from constituents not containing iron, and be enriched in iron. It seems very probable, however, that in the future we shall hear more of magnetic roasting as a commercially economical method of ore improvement. A very effective method of estimating salphur in iconstone is that dealt with in the paper on that subject by Mr. R. W. ATKINSON, B.S., F.I.C. and Mr. A. J. ATKINSON, F.I.C., of Cardiff.

### KADUR-MYSORE.

THE circular recently issued to shareholders in the Kadur-Mysore Gold Mines shows that the company's operations have progressed considerably beyond the point which had been reached when the last report was written. The directors have been giving their earnest attention to the question of providing an adequate plant, and are now of opinion that development has ufficiently advanced to warrant the erection of a 10 stamp battery. For the present the company's explorations have been mainly confined to the Ajimpur Block, concerning which very high expectations have been entertained. Mr. J. A. GROGAN reports on this particular preperty that it will turn out to be valuable if only properly worked. Good quartz has already been extracted, and several rich lodes are expected to be encountered in the property. It is interesting to find that the quartz is very similar to that found on the Colar gold fields, and if it should only turn out to be similarly valuable the shareholders will have no reason to be dissatisfied. The Tarikeri Block-which is another property owned by the company, and which figures large in their expectations for the future-covers an area of 674 acres, which is almost too extensive for home development. The board of the Kadur-Mysore are, therefore, proposing to comign a portion-or the whole of it-to a subsidiary company, in which the parent concern would continue to hold a considerable interest, and for the shares of

which the members of the original company would have a pa ferential right of application. The detailed report of the pa sent position of the company's property embodied in the circular under notice—which is printed fully in another column -will bring the shareholders thoroughly into contact with the operations proceeding on their property, and is cortainly were a careful consultation.

# TWO IMPORTANT INDUSTRIAL INSTITUTIONS,

WE have received copies of the published transactions of  $t_{R0}$ well-known London industrial societies—the Institution of Mining and Metallurgy, and the Institution of Mechanical Engineers. In the former of these, which is for the fifth pecasion, we note a decided improvement, both as to the matter and form, and are glad to be able to congratulate the Institution in question upon the value of the work which it is obviously per-Some of the papers now published in collected form have already seen the light in our columns, but the volume, a a whole, with its vigorous, if somewhat hasty, pronouncemental upon a number of interesting metallurgical and mining quations, should certainly be in the possession of all connected professionally with the mining industry. As is usual with publications of this character, there is no preparatory statement of any kind, while the text is elucidated by a number of ably executed diagrams. We would suggest to the Council of the Institution the advisability of making some arrangement with a good firm for binding their transactions in cloth, since the matter contained therein is certainly worthy of permanent preservation, while the present covering, though admirable when new, and in any case a great advance upon the weird and startling hue affected in former years, is apt to descend rapidly in the esthetic scale when exposed to dust and the influences of an English winter. The "Proceedings" of the Institution of Mechanical Engineers is valuable rather as throwing light upon the membership of the society itself than in any information it may contain respecting mechanical subjects at large, and it is satisfactory to see that the Institution is in a flourishing condition, and that it is vigorously and thoroughly representative of those branches of applied science which it undertakes to organise and inform.

# MINING MARKET.

A dull account finishes in flatness -A fresh record at the Rand fails to encourage the Kaffir Circus

HE unexpected rise in the Bank rate on Thursday morning THE unexpected rise in the Bank rate on Thursday morning is to be held responsible for the demoralisation of the Mining Market, in sympathy with a general fall in heavier stocks. As a matter of fact, dealers were only too glid of a pretext for starting a movement of any kind. The stagnation which is almost invariably associated with 19 days' accounts had been intensified by the protested the heliday makes. Day after day markets had absence of the holiday-makers. Day after day markets had been accumulating stupidity, and when at last the Bank min was put up from 2 per cent. to 23, the bears needed little leading to fall upon stocks good, bad, and indifferent, without discrimination. It would be idle to suppose that in a market where contangos have ruled from 6 or 7 is 19 per cent. for months past, regardless of the nominal value of money, such a trifling increase in the minimum rate of discount could have any real effect. For two years and a half the Basi rate has remained at the unpopular figure of 2 per cent, in cating sluggishness in the commercial world, and a colourless state of affairs which everybody has been wanting to see altered. The action of the Bank directors on Thursday last ought to have been welcomed as a sign in the direction of renewed activity. It came, however, at the wrong moment to meet with such at acceptation. British Consols fell 1½ in twenty-four hours, solit would have been unnatural had the Mining Market stood of against such an example. In the morning we shall be making a start with the adjustment of the Account. When once the carry over is effected it is not improbable that the depression of to-day will pass away as rapidly as it set in. It far as the South African Market is concerned, the intense content of the Cold Mining industry leaves little room for the position of the Gold Mining industry leaves little room for de satisfaction. The August output at the Rand showing the record figures of 212,429, which are no less than 8556 ounces belte than the largest previous total, would have had a 197 different effect upon the market had it been announced on all the control of the contr other day than Thursday last. But the deelers were not on the look-out for favourable points that afternoon. They wanted something to encourage them in their more pessimistic view. and so what might have been a strong bull point fell on barst ground. For the first three days of the well nothing occurred to relieve the dull monotony with which the account had been proceeding since its commencement. In Thursday prices broke more severely, but there was not in rery great increase of excitement apparent on the surface of the market. Dulness and weakness grew into flatness and the the story ends. Since noon to-day there has been some to-dency to recovery in the Kaffir market, although prices at the control of the contr increase of excitement apparent on the surface of the Business, howers, lower than they were on Thursday night. Business, has been so confined to a few professionals that it is unn to traverse the changes in the various sections day by day. South Africans.

Since Chartered shares have been deposed from their position of barometer stock to the Kaffir Circus, the fluctuations in Essands have struck the key note of the market. Last week the were commenting upon the persistent selling of Parisis holders, which had been counteracted by the absorption of shares for the Cape. This week Paris seems to have stood aloof from the market, and selling has been on accounted London. The net result is not serious, for the loss is updated. Since Chartered shares have been deposed from their po The net result is not serious, for the lo London. The net result is not serious, for the loss is used half a point at 7½. Chartered being within ½ of last well the week, but have relapsed to 13½, at which the show a net decline of ½. To these three stellars and two or three of the Barnato Group, the specialist business of the week has been almost confined. Other charge in price have been almost confined. in price have been achieved with the smallest possible not transactions, and, in the majority of cases, are only not Goldfields Deep were as low as 11% this morning, but clearly down at 11%, with Gold Trusts unchanged at 80 Mozambique has fallen to 1%, New Africa to 3%. Oceana 1% to 1%, Rhodesia Explored to 6%, Willoughby Consols 1% to 1%, Zambus f

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18th inst., The C (LIMITED) The OOR have sold ti The BAN Umtali (Rh (Orange Fr Messrs. E.C., have SHERRY G QUEENSLAN and are aut calls, and to The Lond Company, M. London, E.C. the head off

to 21, Anglo-French Exploration 3 to 51, and African Estates to 15, Deep Level shares have come in for rather more movement than is generally their lot, the especial cause being the annuncement of a very unfavourable crushing return from the Geldenhuis Deep. The August yield, 5210 from the Geldenhuis better than that for July, but the discouraging point was that the cost of production had gone up sanounces, was slightly better than that for July, but the omnees, was slightly better than that for July, but the discouraging point was that the cost of production had gone up to seriously as to bring in a loss on the working of £4,000, as against the £2000 profit for July. In anticipation of the publication of the figures the shares of the company were worked lieation of the figures the shares of the company were worked up to 64, but there was a smart fall, when the figures to known, and the price is finally \(\frac{1}{4}\) down on became known, and the price is finally \(\frac{1}{4}\) down on became known, and the price is finally \(\frac{1}{4}\) down on became known, and the price is finally \(\frac{1}{4}\) down on became known, and the price is finally \(\frac{1}{4}\) down on became known, and the price is finally \(\frac{1}{4}\) down on became known, and the price is finally \(\frac{1}{4}\) down on became known, and the price is finally \(\frac{1}{4}\) down on became known, and the price is finally \(\frac{1}{4}\) down on became known, and the price is finally \(\frac{1}{4}\) down and Roode-port Deep at 2\(\frac{1}{2}\), remain on last week's marks. Nigel Deep, on the other hand, have declined \(\frac{1}{4}\) to 1\(\frac{1}{4}\), and Champ dor Deeps \(\frac{1}{2}\) to 2. The East Rand subsidiaries have declined in sympathy with the parent shares, Comets losing \(\frac{1}{3}\) at 2\(\frac{2}{2}\), and Angelo \(\frac{1}{4}\) at 4\(\frac{2}{4}\). The Barnato insion proposals have come in for a good deal of criticism, but the price of the shares involved are barely altered. Johnnies remain at 3\(\frac{1}{4}\), and Angelo \(\frac{1}{4}\) at 4\(\frac{2}{4}\), and Johannesburg Waterworks \(\frac{1}{2}\) easier at 2\(\frac{2}{2}\). Ginsbergs were good in the sarlier part of the week, but have not maintained their spurt. They close \(\frac{1}{4}\) down at 2\(\frac{1}{4}\), at 2\(\frac{2}{3}\), and Block B at 1\(\frac{1}{4}\). In the Eckstein group business has been very quiet, Simmer and Jack have improved to 6\(

### West Australians.

department there has been very little actual Stale bulls have found a good deal of diffibusiness. Stale bulls have found a good deal of diffi-culty in escaping from their commitments, and, in the absence of support, prices have given way in the majority of cases. Changes are altogether disproportionate to the business done, and it would require very little buying to restore quotations. Associated have declined \(\frac{1}{2}\), to 3\(\frac{1}{2}\), Asso-ciated Southern \(\frac{1}{4}\) to 1\(\frac{1}{2}\), Great Boulder \(\frac{1}{2}\) to 7\(\frac{2}{2}\), Boulder Perseverance \(\frac{2}{4}\) to 2\(\frac{1}{2}\), North Boulder \(\frac{1}{4}\) to 1\(\frac{2}{3}\), Hannan's Brown-hill to 5\(\frac{1}{4}\), Oroya \(\frac{1}{1}\) to 1\(\frac{1}{2}\), Hannan's Reward \(\frac{2}{6}\) to 2\(\frac{1}{2}\), Lake View Consols \(\frac{1}{2}\) to 7\(\frac{1}{2}\), and Lake View South \(\frac{1}{4}\) to 2\(\frac{1}{2}\). A gain of \(\frac{1}{2}\) in Hannan's Star at 1\(\frac{1}{2}\) is the sole improvement in this division. Hanan's Star at 1, is the sole improvement in this division. In the Menzies group, Florence and Lady Shenton are unchanged at 1 is and 2 is respectively, whilst Menzies Reefs have lost is at is and Crusoe is at 1 is. White Feathers are is up at 2 is, as are Wealth of Nations at 1 is but Hit or Miss have fallen is to 2 is. Ramage Syndicates are unchanged at 4 is, with Black Flags the turn easier at 1 is. Kinsellas have been offered down from 8 to 5 s, and Big Blow have lost 1 s. at 6 s., and Mawson's Reward is at is. Hampton Plains were attacked in the middle of the week and sold down to A closing is down at 4 is. Reward  $\frac{1}{4}$  at  $\frac{1}{15}$ . Hampton Plains were attacked in the middle of the week and sold down to 4, closing  $\frac{1}{4}$  down at  $4_1^3 s$ . Mainland Consols have lost  $\frac{1}{4}$  at  $3_1^4 s$ , Western Australian Gold Fields  $\frac{3}{8}$  at  $8_6^7$ , Pioneer  $\frac{3}{8}$  at 2, and Colonial Finance  $\frac{1}{8}$  at  $3_5^7$ .

### Miscellaneous.

Amongst copper shares Rio Tintos have moved rather freely with the International group controlled in Paris, but the net what he international group controlled in Faris, but the new result is nil, as the shares are within \(\frac{1}{2}\) of last week's price at \(2\). Anacondas remain at \(6\)\(\frac{1}{2}\), Capes, Copiapo, and Libiola all at \(2\)\(\frac{3}{2}\), Mason and Barry at 3, and Tharis exceptionally \(\frac{1}{2}\) better at \(5\)\(\frac{7}{2}\). Indians were inclined to develop strength in the earlier part of the week, but have since accepted the inevitable and declined in the general dulness. Champion Reefs and Mysore are \(\frac{1}{2}\) and \(\frac{1}{2}\) down respectively. since accepted the inevitable and declined in the general dulness. Champion Reefs and Mysore are \( \frac{1}{4} \) and \( \frac{1}{1^6} \) down respectively start, whilst Nundydroogs at \( 3\_{1^6} \) and Ooregum at \( 3\_{1^6} \) are both i lower. Changes in the New Zealand Group are unimportant. Hauraki closed at 18s., Kapanga at 13s. 9d., Waihi at \( 6\_{1^6} \), Waitekauri at \( 5\_{2^6} \), and Taitapu at \( 3\_{1^6} \). The only feature in the Charters Towers group is the advance of New Brilliants to 20s. buyers, on the realisation of the long dated promise that a London effice should be opened for the transfer \( cf \) shares. Mount Lyells have declined \( \frac{3}{3} \) to 8\( \frac{3}{3} \). Broken Hills are practically unchanged at \( 2\_{1^6} \). We will have fallen \( \frac{1}{3} \) to \( \frac{7}{3} \), but Aladdias are unchanged at \( 2\_{1^4} \). cally unchanged at  $2\frac{7}{15}$ . Went: Aladdins are unchanged at  $2\frac{7}{15}$ .

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STOCK EXCHANGE SETTLING DAYS. CONSOLS.

Thursday, October 1. MINING MAKING-UP DAYS: Saturday, September 12. | Saturday MINING NAME DAYS: Saturday, September 26. Monday, September 14. Monday, September 28.

Monday, September 14. | Monday, September 28.
Account Days:
Wednesday, September 16. | Wednesday, September 30.

The statutory meeting of the Aroha Gold Mines (Limited) will take place at the Canuon-street Hotel, on Friday, 18th inst., at one o'clock p.m.

The COROMANDEL GOLD MINING COMPANY OF (Linger) have sold the gold produced in July for £2748 1s. 3d. The ORREGUM GOLD MINING COMPANY OF INDIA (LIMITED) have sold the gold obtained fn July for £19,918 12s. 1d.

The Bank of Africa (Limited) has opened a branch at Intali (Rhodesia), and is about to open a branch at Kroonstad (Orange Free State).

Mesers. R. Clayton and Co., of 88, Bishopsgate-street, RC., have been appointed agents to the Menzies Lady Street Gold Mining Company (no liability) and to the Querisland Menzies Gold Mining Company (no liability), and are authorised to open a London share register, to receive calls, and to transfer and issue certificates.

The London agents of 3 NORTH SMITHFIRLD GOLD MINING Company, Mesers. R. Clayton and Co., 88, Bishopsgato-street, London, E.C., announce that they have received notice from the head office at Gympie that a call of 6d, per share has been made payable September 28.

The LISTS of APPLICATIONS for SHARES will OPEN on Monday next, September 14, and CLOSE Tuesday, September 15, for London, and Wed-

September 14, and OLOSE Tuesday, September 15, for London, and Wednesday, & noon, for the country and abroad, he LONDON and WESTRALIAN MINES and FINANCE AGENCY (Limited) and the BRITISH WESTRALIAN MINES and SHARE CORPORATION (Limited) INVITE SUBSCRIPTIONS for the undermentioned ISSUE.

NORTH STAR GOLD MINES (LIMITED)—(Mount Margaret the Companies Acts 1882 to 188 NORTH STAR GOLD MINES (LIMITED)—(Mount Margaret District, North Coolgardie, Western Australia). Incorporated under the Companies Acts 1882 to 1893. Capital £125,000, in 125,000 Shares of £1 each. Working Capital £20,000, of which £20,000 is included in this Issue, and £10,000 held in reserve.

PRESENT ISSUE of 50,000 SHARES, payable as follows:—2s. on Application, 3r. on Allotment, 5s. one month after Allotment, 5s. two months after allotment, and 5s. four months after Allotment, DIRECTORS.

Sir E. T. GOURLEY, M. P., Roker, Sunderland (Director Lady Loch Gold Mine, Limited), Chairman, Chas. Cammell, The Hall. Huttons Ambo, York (Director West Australian Mines Development Syndicate, Limited),
James Dawson, The Avenue, Gipsy-hill (Director London and Westralian Mines and Finance Agency, Limited).

R. G., Norman, The Mount, Loughton.
Charles G. Lowe, 7, East India-avenue, E.C.

BANKERS.

London,—Brown, Janson, and Co., 32, Abchurch Lane.
Western Australia.—National Bank of Australasia (Limited), 123, Bishopagate Street Within.

BROKERS.—Turle and De Jongh, 11, Angel Court, E.C.

Goodchild and Hammand, 1, Queen Victoria Street, E.C., for the Company.

C. A. Clulow, 9, Gracechurch Street, E.C., for the Company.

C. A. Clulow, 9, Gracechurch Street, E.C., for the Vendors.

Audttors.

Authur Wilson and Co., 11, Queen Victoria Street, E.O., Geo. W. Hall, Coolgardie.
BECRETARN AND OFFICES.

T. Freebairn Smith, 1, Queen Victoria Street,
AERIDGED PROSPECTUS.

The Company has been formed to acquire and work gold mining leases

T. Freebairn Smith. 1, Queen Victoria Street.

ABRIDGED PROSPECTUS.

The Company has been formed to acquire and work gold mining leases Nos. 523, 529, 3213, 4653, 4185, 4245, which, with a machinery size of 5 acres, comprise a total area of 113 acres, together with the battery and machinery now on the mine. The property is situate about 6 miles south-east of Mount Malcolm, in the Mount Margaret district of the North Coolgardie Goldfields, Western Australia, and has been reported on by Bewick, Moreing, and Co., Jas. Linn Sherhaw, W. Adams, jun., M.S., M.A.I.M.E., J. Read-Roberts, David Lindsay, F.R.G.S. (Report to the Directors). A reference to their Reports, of which copies are appended to the Prospectus, will show that with respect to;—DEVELOPMENTS, -Five sharks, varying in depth from 24t. to 70ts, have been sunk on the property, together with several costeans.

REEFS,—There are four distinuit lines of roet traversing the property, with gold well distributed,

REEFS.—There are four distinct lines of rest traversing one property, and gold well distributed,

TIELD.—The value of the ore varies from 20z, to over 40z, per ton,

COST OF PRODUCTION.—This is estimated at 14, 15s. per ton.

WATER.—Besides an inexhautible supply of salt water close at hand, there is a fine supply of fresh water on the property.

IMBER,—Mining timber ample. Fuel plentiful.

MACHINERY.—The Vendors, taving acquired the property and carried out a considerable amount of development work for some months past, were advised that the results justified the immediate erection of machinery. A 1chead battery, with engine, boiler, &c., and complete bauling gear, all fully equipped, was accordingly ordered, a part of which is now on the property, and in course of crection. This battery will be capable of crushing 500 tons per month, and 20 stamps more can be added when the mine is more thoroughly developed.

per month, and 20 stamps more can be added when the mine is more introuguly developed.

It will thus be seen that this Company will become possessed of a mine which is practically a going concern, there being a considerable amount of atone available for immediate treatment. The Directors thus anticipate that the mine will be divide nd earning with the least possible delay.

The statem ents contained in this Prospectus are based upon the reports of the above ex perts, and with respect to them it may be said that those by Mesars. Bewick, Moreing, and Co. J. L. bheriaw, and W. Adams, jun., were obtained by or on behalf of the Vendors as independent reports to them on the value of the property, and that by Mr. Jas. Saad-Roberts, on account of his connection with the property as munager of the mine for some months past.

his connection with the property as manager of the mine for some months past.

The report by Mr. David Lindsay, F.R.G.S., was obtained by, and for the satisfaction of, the Directors in order that before offering the property to the public, they might have an independent opinion, and the intention of intending subscribers is called to his exhaustive report, which is appended to the Prospectus in which he sums up the property in the following terms:

"In conclusion, I can safely recommend this property as a legitimate mining venture, with every prospect of becoming a good dividend-paying mine as soon as the necessary machinery is erected, and I congratulate you upon having secured an unusually good property."

The London and Westralian Mines and Finance Agency (Limited) (who are the owners and vendors of the properties), and who are working in conjunction with the British Westralian Mines and Share Corporation (Limited) have fixed the purchase price at 285,000, payable as to 25,000 in cash, as to 215,001 in cash or Shares, or partly in cash or partly in Shares at the option of the Directors, and the balance in fully-paid Shares, leaving available for working capital 30,000 Shares, of which 20,000 are included in the present issue, and have been guaranteed: the remaining 2,000 Shares will be held in reserve.

For contracts see full prospectus.

Applications 'for Shares should be made on the form accompanying the Prospectue, and forwarded to the Company's Baukers, together with a remittance for the amount payable on application.

### ROODERAND GOLD MINING COMPANY.

A voluminous circular to shareholders notifies that the property of the company consists of 570 gold mining claims and two mynpachts (one of about 400 and the other of about 75 acres) on the farm Rooderand, district Potchefstroom, Transvaal, and there is also an option to acquire the entire farm, convaal, and there is also an option to acquire the entire farm, consisting of about 6000 acres, which has for some time been the subject of negotiation with the farm owners. Mr. A. R. Sawyer, F.G.S., A.R.S.M., &c., &c., the well-known mining engineer of Johannesburg, in a report upon the property made in 1895, states his opinion in the following words:—"These ranges of hills are formed of rocks belonging to the 'Witwatersrand series' and need, therefore, no further description here. Although their dip averages 60° south over the whole extent of the farms, and of the adjoining farms, yet from an examination of the surrounding country, and from a knowledge of the tion of the surrounding country, and from a knowledge of the Heidelburg district, I am of opinion that these rocks form the Heidelburg district, I am of opinion that these rocks form the southern margin of the extensive so called Witwatersrand Basin, and that possibly a dip in the contrary direction might be met with in depth." The contour of the ground on the farm Rooderand is singularly favourable to mining. All along the northern boundary runs a steep hill of considerable height, and it is in that hill that some of the most valuable reefs, so far as is at present proved, are found. Mining operations may, therefore, be conducted economically and expeditiously from the flat below by means of adit levels. Particular attention is drawn to the block of claims called Dudley Syndicate Block, part of which, it will be noticed, extends into the farm lying north of Rooderand. With respect to this block negotiations are now which, it will be noticed, extends into the farm lying north of Rooderand. With respect to this block negotiations are now proceeding to form a subsidiary company, this company providing an equal number of claims to that contained in the Dudley block, and receiving a very substantial purchase price for them. The board is of opinion that the new company, which will be the first of the subsidiary ventures—a series of which it is hoped will spring from this company—will have a prosperous future. The company was formed about 14 months ago, with a capital of £100,000, in 100,000 shares of £1 sterling each. The granders took the whole of their interest in shares, and provided vendors took the whole of their interest in shares, and provided the necessary working capital to open up the reefs. They received an option over an additional 50,000 shares at par, and this option has been exercised, so that the company has available upwards of £50,000. The capital is, therefore, at the present time, £150,000, in 150,000 shares of £1 sterling each, all fully paid. The probability is that the mines will be worked on a very large The probability is that the inhes will be worked on a very large scale by the process of dry crushing, which has now been proved successful on several of the mines of the Witwatersrand. Dry crushers, capable of dealing with 500 tons of ore per diem, will, it is anticipated, be provided, and the ore treated, after crushing, by the cyanide process direct.

LANGLAGUE ROYAL GOLD MINING COMPANY (LIMITED). The Johannesburg Consolidated Investment Company (Limited) announce that the general meeting of the above company will he held in Johannesburg on October 13, and that the transfer books will be closed from September 22 to October 13, both dates

We are informed by the secretary to the Islu of Man Mining Company that the has sold 100, tons of this company's ore at £8 3s. per ton.

# METAL

THE METAL MARKET, LONDON, SEPTEMBER 11,

Copper.

Copper.

In the speculative market this week there was at the commencement an upward tendency, good buying causing a rise from £47 17s. 6d. s.c., and £48 three months, to £48 3s. 9d. for both positions, the latter figure being attained on Tuesday. Monday was a very busy day, with a turnover of about 1500 tone, but Tuesday's transactions did not reach one-half of that quantity, and on Wednesday, when the speculative demand had subsided, we witnessed a relapse, which made gradual progress during the remainder of the week, business taking place on Friday at as low as £47 16s. 3d. The market closed quiet at £47 16s, 3d. to £47 17s. 5d. s.c. and three months. Consumptive demand has shown rather more life during the present week, and American values have been firming up.

Has been depressed by the absence of demand, and about the middle of the week was further flattened by the decline in silver and sales connected therewith. Cash Straits opened at £59 10s., and three months at £60. Tuesday was an exceptionally stagnant market, with hardly any business, and the value declined to £59 6s. 3d. s.c., the same position receding on Wednesday to £59 and on Thursday to £58 12s.6d. To-day business was done in s.c. at £58 10s. up to £58 12s. 6d., and three months at £69 2s. 6d. and £59 3s. 9d. The two positions close respectively at £58 12s. 6d. and £58 13s. 9d., and £59 3s. 9d. and £59 3s., 9d. and £59 3s. 9d. and £59 3s. 9d. and £59 3s. 9d. and £59 5s., in firmer tendency. In the Dutch market, Billiton opened at 35§ fl. s.c., and 35§ fl. three months, and steadily fell until the close, which was at 35½ fl. and 35§ respectively, whilst spot Banca closes at 35§. Tin whilst spot Banca closes at 35%.

Pig Iron.

Scotch shipments last week amounted to about 6750 tone, or (say) 450 tons more than last year in the same period. Values in Glasgow this week have, in the main, had a downward tendency, s.c. opening at 46s. 4d., touching 46s. 4½d., and then going back to 46s. 1d. On Friday 46s. 4d. to 46s. 2½d. was done, and the close is steady at 46s. 2½d. s.c., whilst one month is quoted 46s. 5d., and hematite and Middlesbrough 47s, 1½d. and 37s. 10½d. respectively.

Lead
bas hardened still further, and closes firm at £11 2s. 6d. to £11 3s. 9d
soft foreign, and £11 5s. to £11 7s. 6d. English.

Spelter

shows less strength, the available quantities for moderate early delivery being less scarce than they were. We close at £16 12s, 6d, to £16 15s, ordinaries, and £17 2s, 6d, specials,

Antimony

is quiet at £29 to £29 10s.

Quicksilver. Quiet but steady at £6 10s. firsts, and £6 9s. seconds.

The following are to-night's (September 11) prices of metals:-Tough cake and ingot ... ... Copper £ s. d. £ s. d. ... 50 10 0

	Bust selected	440	***	***	***	***	***	53	0		*****	51	0	0
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,	BULL'S METAL	499						, -	-			63	0	0
•	Ingots	***	400	002	***			0	0	6	*** **		-	-
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1	Screw bolts and	Stic Copper												
1	Pump rods, plai	nhod.	***							7 %			-	-
1			(per to	n)					0	1075			_	_
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9	renned		020	***	099	0.00			12					
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The transfer books of the JOHANNESBURG CONSOLIDATED The transfer books of the JOHANNESBURG CONSOLIDATED INVESTMENT COMPANY (LIMITED) will be closed from the 14th to the 28th September inclusive, for the purpose of balancing, the share ledgers in connection with the proposed issue of 200,000 new shares. A circular will be sent to the shareholders with application forms shortly after September 28.

An extraordinary general meeting of the BUFFELSDOORN ESTATE AND GOLD MINING COMPANY (LIMITED) will be held

on October 9 at the company's office at Johannesburg for the purpose of increasing the borrowing powers to £300,000.

The Champion : Reef Gold Mining Company of India (Limited) have sold the gold produced in July for £25,328 ls. 4d

### "THE LIST. MINING JOURNAL" SHARE

ABREVIATIONS AND REFERENCES.—Th following are the significations of the abbreviations and references which occur in the Share List;—Ay. Antimonv; A, Arsenic; Bl, Blende; Bz, Borax; C, Copper; D Diamed, G, Gold; I, Iron; I. Lead; M, Mundic; M, Nitrates; P, Phosphates; Q, Quicksilver; R, Ruby; S, Silver; Sl, Silver-lead; Sul, Sulphur; T, Tin; and Z, Zinc, a in the "Amount of Share" column of British Miss the names of African Mines, signifies that the mine is conducted on "Coat Book " principles; I in the "Bead Office" column of African Mines signifies that the address given is not that of the head office but of a sub, or transfer office; and †, following

\*. The following is by far the most complete and comprehensive list of mines, in whose shares business is being currently transacted, published. Additions will be made from time to time as occasion requires. Every effort is made to ensure accuracy, and Secretaries of Companies, Share Dealers, and our readers generally, are cordially invited to co-operate with us to this end, by notifying us of any errors that may at any time occur. We desire it to be understood hat while our Share List will aimset invariably be found correct, we do not hold ourselves responsible for any loss or inconvenience that may arise from possible inaccurasies.

			AFI	RICAN M	INES.				selves responsible for any loss or inconvenience that may arise from possible inaccurasies.  AFRICAN MINES—(Continued).								
Name.	Closing Price. Sept 11, 1836	Price	Am't. of Share	When last XD and Dividend.	Called up Per Share.	Amount of Stock or No. of Shares Issued.	Situation of Mine.	Head Office.	Name.	Closing Price, Sept., 11, 1896	Price.	Am't of Shar	When last XD and Dividend.	Called up Per Share.	Amount of Store or No. of Shares (sesued	k Situation of Mine,	Head Office,
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"Central	2 1/4 2 1/6 1/6 1/6 13/16 1/16	3 M 3 M 2 M 3 16 M 13/16 15/16	1 0	rte Jy 26 '95 6/- Mv. 28 '95	1 00	250,000	Potchefstr	7, Leti-bury. 8, Old Jewry Warnford Court	Rand-Rhodesia Ex (	656 7	634 734	0	-	1 00	25,000 50,000	RARnodesa Mt & Mash'l	120, Bishopagt at, 41 123, "15 & 16, Geo. 81, 8
pe Asbestos	34 36 24 2 ·	34 1 234 234	1 0	2/ June 12, %6	1 0 0	50,311	Orange Rv Cape Col.	1), St. Swithin's-lane 3, Queen-street-place,	Robinson(SA)Bank Deep Diamond	936 10 136 136	956 936 113/10 115/10	1 0	=	1 0 0	750,000 500,000 350,000 550,000	WnR': R'od	140, Bisbopagate &
6 % Pref seel Coal	25/6 27/6 17/6 2 /9 1/3 115/16 11/18	123/16 23/16		2/ June 12, '96 1/5 Apr. 29 '98	2 C C C C C C C C C C C C C C C C C C C	45,000 75,000 240,000 220,00	Johantrg. De Kaap	99, Cannon-street, Paimerston B dgs 120, Bishopsgate st.	,, Gold ,, Randftn. Roodepoort Deep	134 134 29/10 213/10		1 0	-	1 00	17,000	M. Rf. and	3 Prince's street.  8. Old Jewry, E.O.
amp d'Or G	11/4 21/	2 234 34 35	1 0	3/2 Feb. 27 96	1 0 0	11F,016 150.000	Rind _	8. Old Jewry, E.C. 19, 8. Swithin's lane	Roodepoort Un. G Rose Deep Rothery Block	5 534 534 534 8/ 10/	5% 59% 5% 5%	1 0	2/ July 30 '96	1 00	130,000	M. Ri. rand	Warnford-court.] 30-31, 8,8 with a law 55, Bishopsgate a
imes West	51/16 53/16 11/0 3.75 5 % 53/4	5% 5% 32/ 3:/ 5 5%	1 0	10/- June'95 9a, July 15, 16 4/- Jy 15, 16	1 0 0	150,000 340,000 721,500 187,250	Rand Griqualnd Transvani	Winchester Ho. Gresham Ho. 32, Lombardest 30, St. Swithin's-lane	Sacke Estates St. Helen's Devel. Salisbury New	156 136 236 256 nom 456 456	1% 1% 1 35 2% non 1	0	-	1 00	93,000	9. Africa Rand	19, Burv Street. 13, 8 Helen's Pas, 98, Gresha n Ho, 80
n. G. Fields S A. 6 % Pref 5 % Z Deben	139/16 137/16	13% 13%	1 (	10/ May 11'96 1-5d Jn+26 96	1 001	,2:0,00 1,243,959 600,000	3. Africa	8. Old Jewry.	Simmer & JackG	634 7	634 7 5	0	2/ Aug 14 95	5 0 0	940,000	Lydenburg Rand	18, S. Helen's place.  8, Old Jewry.
wn DeepG	1234 1234 1136 1136	1234 1334	10	-	1 0 0	250,030 120,000	Rand	120, Bishopegate-st.	S.A GoldTrustNew South West Rand Spitzkop (New) G StanhopeG	816 836 3/18 1/18 1910 1/10 11/16 11/10	83% 83% M 36 13% 1 %	0	=	1 0 0	99,070	S. Africa Rand Lyde burg Rand	Winchester House, 15, Bishopsgt-et, W. 96, Greeham Ho., El
	109 % 110 % 104 106	104 106	=	2/- July 15 '26 Z July 1'96 2 Apr. 198	-	720,000	Kimberi'y	62, Lombard-street.	Tati Concessions	175 2/	1/ 2/ 1	0	rte Jy, 22 '95	1 00	392,000	Zoutpan bg	Oresham House,
ornkop	5/ 6/ 236 236 736 736 436 436	3 536	1 0	3/- June 25'96	1 0 0	175,000	Doornkop Rand	Warnford Court Winchester Ho, 28, Leadenball-bldgs	rrans. Coal Trust ,, Consolidate ,, Est. & Dev.	136 136 136 2 15/16 11/16	1% 2% 1 1% 2% 1 1% 1% 1	0	-	1 00		Rand Fransvani	Broad-t, House, E0 120, Bishopsgtestws 10, New Broad-st, E.0
tielgh	14/10	1 155 3		ta May 14 '96		275,000	Klerksdrp Rand	57. Leadenhall Street 8, Old Jewry.	" Gold Fields " Land TreasuryG	3½ 3½ % 13/10 2½ 3½	314 314 1 34 34 1 314 316 4	0		1 00	79,915	S. A. R Fransvaal . Rand	120, Bishopsgt-st. Wa 25, Abchurch late. Warmford Court,
Rand G ploration	31/4 33/4	356 334 1	0 1		1 0 0	570,000 145,000 216,215	B. Africa	170, Winchester-ho. 30, 8, Swithin's-In.] 19, ",	United Exploratn.	13/6 13/6 15/16 11/16 3/6 7/4	11/6 11/16 1 15/16 11/16 1 20 % 1	0	6 June 16 '96	1 00		Fransvaal .	12), Bishopagte S. 110, Cannonstree, 85, Gresham Fo. E0
	31/16 33/16		0 2			480,060	Rand	120, Bishopsgt st. Wn: 28, Aus in Friars,	Van Ryn G	156134nmxd 1 3a 56 456 436	%1% nmxd 1 36 % 1 5 5% 1	0	/ Aug. 28,'56. /- Jan. 16	1 0 0	75,000 160,000	Kimberley De Kaap Rand	120, Bishopsgate S. te, S. Heleu's pl., E0 18, St. Swithin's in
denhuis DeepG denhuis Est, G ,, Main Reef		13/16 43/18	0	8/- Jy 26 '95 2/ Feb, 13 96	1 0 0	150,000	Rand	30,St. Swithin's-iane 120,Bishopegt st. Wn] Warnford Court, E.C	Venterskroon	2% 2% 1% 1%	16 5/6 1 2/6 2/6 1 3/6 1	0		1 00 1	125,003	Rand Rooderand	8, Old Jowry
orge GochG sberg NewG nesirnG	23/ 23/ 23/10 23/10 33/ 33/6 13/6 13/6		0	/6 Feb. 13 '36	1 00	200,00C   1	Band	Johannesburg. Warnford Court, E.C; 2, Drapers-gardens. 65, Chancery Lane.	Village Main Reef Vogeistruis Estate " Cons. Deep	36 136 636 636 436 436 236 236	616 656 1 436 436 1 236 256 1	0	-	1 00 1	130,030   1 177,003 100,008 27,730	Rand	Winchester Hoss. 8, Old Jewry. Winchester Hoss. 18, Geo. St. Ma. It.
. Fls, DeepG	11% 11%	1156 1176 1	-	=	1 00	600,000	Africa Lydenb'rg	8, Old Jewry. 7, Lothbury.	Wassau	1 11/6	36 I 1	0	-	1 00 1	190,000	Fold Cosst	147, Cannon-street
of Mashonid. of T.de Fuego	M 96 12/ 12/6 5/ 5/6	2/ 12/6 5/6 6/	5/- 4	% % Mar. '92.	0 5 0	400,000	ydenburg	19, 8t, Swithin's-In. 75, Lombard Street, 7, Tokenhouse Bidgs Gresham House,	Western NigelG West RandG	9 954 54 76 234 234	9 9½ 1 36 36 1 2¼ 2¾ 1	0 10	-	1 00 2	07,000	Rand	19, Bury-street, ? Suffolk House, 13, Goo. St., Man. Is
Estrn. Colliery qualand WD delbg. Est. Ex:	8 834	8 836 10 56 36 1			0 0 0	105,700 1		52, Lombard-street	Witwatersrand G WolhuterG	736 736 636 836			La Apr 26 '94	00 2	50,000 E	fashonald tand	3, Copthall-bidg. 19, Bury st., 8,0, Warnford-court,
dereon's Trans	23/10 211/10 1	% 211/10 1 6% 7	0	-	1 0 0	250,000 2 100,000 1	Soutparbg De Kaap	85, Gracechurch at. Warnford-court.	Worcester	436 436 xd	43% 45%xd 1 23% 22% 1	0 3/				ransvaal .	8, Old Jowry.] 30-31, Clement's list
			6		1 00	57,404		55, Bishopsgate stWn 21, Mincing Lane.									
Pioneer	9 9%	376 4 1 9 10 1 9 936 1	0 2	July 30 '96	1 00	30,000	land	7, Lothbury, Johannesburg, 8, Old Jewry, 1			В	RIT	rish Min	TES.			
Deep	0 0	6% 7 1 5 6 1 1 36 %pm 1	0	-		100,000 300,000 98,672 E	**	20, Bishopsgt st. Wn; 30, S. Swithin's lane 19, Finsbury circus.	Basset	.94 .95		0	-	1 0 0			Redruth.
n Rdpt pfont in Cen,	3 3% 3 1 14,9 15/3	354 336 1 36 136 1 5/6 16/ 1		=	1 0 C 1 0 0 0 10 0	125,006 225,000 E 400,000 E	Rand	2, Drapers-gardens, Winchester House 110, Cannon St.	Carn Bres & Tinct T	1/ 2/ 1/ 2/ 15/ 20/ 18/ 19/	1' 1/6 1/ 2/ 1 36 1 6/ 18/ 5	000	2/6 Dec., 93 2	2 0 0	10,240	Tavistock Devon	Carn Bres. 8, Finsbury cloud.
yionteinD	2 1	234 234 1	0		1 0 0	295,194 B 125,000 J	acobsdani	8, Old Jewry 6, Gt. St. Helen's, 120, Bishopegt at. Wn	Drakewails CTM	18/9 19/3	18/6 19.6 1	0	=	0 7 6	188,000 ( 25,000 61.856	Cornwall	Camborns.  Dashwood Bruss. filogan.
Royal	534 536	5% 5% 1 5% 5% 1 136 2% 1 1% 156 1	0 1	July 30 '96 ta. Mar. 6'95	1 00	470,000 E	land	60 Holborn Vindons	East PoolA7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	176 2 1	0	/6 June 20'81	00	10,000   1	of Man	Greshant House. Chester.
cn-Derlyn G	6/6 7/6	7/3 7/9	2/6		0 2 6		ydenburg	Suffolk House, 53, O'd Broad Street	HalkynL Isie of ManL Killifreth7 LeadhillsL	136 636 4/6 5/6 1 134	5% 6% 5 4/ 5/ 1 1% 6	. 1	/- June 'st   5 1/6 Nov., '54   5 /- Oct 16 '5   6	15 5 0 0	8,000 E	of Man Cornwall anarksh.	Truro. 10. Finsbury-circa. Penzance.
aards Viel Pat	234 234	136 136 1 136 1436 1 136 1436 1 136 1360 1	,	- June 26 '16   6 % Mar, '96	0 10 0	100,000 B	and	19, Firsbury-circus. Warnford-court. J	Polberro	3 334 4.6 5/ 2/ 2/6 1/ 2/	3¼ 356 4/ :/		3/6 Apr. '93 7	17 6	18,000 3.	Agner,Cl.	17, Wa brook. 10, Great St. Host Pool, Cornwall.
aburg Estate. 1	13/26 113/10	76 156 I	0	=	1 0 0		Lydenburg	85, Gracech, Street 120, Bishopegte St.	weardaleL West Kitty7	8/9	2 2%	.0	1/3 Oct. '91 1 2/- Dre, '91 1	10 C 8	000.000 E	Durham	Lombardeurt.
n Ree! (New)G	11/10 19/10 1 2/ 4/ 27/ 53/4	1/10 19/10 1	2/€	=	0 2 6	T 000,000	Innsvani	15. George St., MnH Throgmorton House 15, George St., Mn H	" Friendly?	1/ 2/	1/ 2 6 1/ 1 6 536 6	1/	76 Aug. 28 23	2 0	6,000 10,000 6,0-0 8,590	**	Union-court, be
evale Nigel bon. Agency Cential	36 136 136	% 1% 1 %a 2%a 1 %a 1%a 1	0 2		1 0 0	250,100	**	8, Old Jenry, E.C.	Motat &F. 7	3/5 4/		.			000,000	**	14 Brund street M.
abelel'd G. R'f Con. (New) G	436 456	436 456 1 236 176 1 136 636 1					fatabelet'd	3, Copthall-tuildings 4, Lothbury I 1, Crosby Equare.I			NDIAN	AN	D ASIATI	C MI	NES.		
s Selection	76 1 1	% 11% 1 % 1% 1	0	=	1 0 0	150,000		Wirchester House.			ADIA A	1		1	1		-7. Q reast-streets
'B" Extense.	11/10 1 13/10	7½ 7½ x 1 1% 2 16 111/10 I	0		1 00	315,0.0	-		Balaghat Mysore G Burma BubyR	3/6 4/	3/3 3/9 1 11/10 13/38 1		-	0 18 0	298,570	Burmab	Stiff of the second of
emblque	15/10 11/10 1 15/16 121/16 1	18/10 1 1/10 19/10 1	0	-	1 0 0		E. Africa	13, Austin Friars.	Champton Reef G Coiar Central G Coromandel G	8 834 1/ 1/6 236 236	8N 636 1 1/6 1 134 136 1	0	_	1 60	120,000	**	7, Queenstplan
		136 136 2			2 0 0			4, Leadenhall-blds.	GoldFldsMysoreG Esdur Mysore		6/6 7/	6/ 5/	2/- Feb %6	0 50 4		India	6-7. Queen sk-pics
Buitfortein D 11 Chimes G 1	1/16 113/16 1/16 11/16	M 176 1 M 1% 1	0 1/	July 15 '86 - July 20 '9t - Mar. 27 '96	00	175,000 H	riqi'd. W,	3. Hatton Garden, 5. Drapers Gordens 8, Old Jewry, E.O Winchester-house,		8 854 /6 1/ 10/6 11/6	8 8% -/6 1/ 11/ 12/	0	_	1 0 0 1 0 12 6 1 0 19 6 1	245,354 100,667 160,660	**	Queen-drade
brint G Barrel G Jagerel D	1% 19% 1 9% 999 1 1 3/16 10	16 11/16 1 16 95 1 13/16 1( 15/16 5	0 5/	# Apr 17 '95 1 July 30, '94 1 Apr. 15 '96 5	00	255,000 L 88,750 R 200,000 T	anglasgie 1 and	120, Bishopsgt.st.Wn 56, Gresham Ho EC 5, Copthall-buildings	West(N)G Wynned G Nue FeetsG	76 1 76 1 6/6 7/	11/10 : 13/10 1	0/0	ts. Jan. 16 '96	0 19 6	000,251 250,000 250,000	97	5-7, Queen-street-pl
Pinla Pontala at   SI	/16 0 /16	396 1	0  12	Jan, 16, 96 1	00 1	150,000 M	and \	Winchester House	NundydrougG	16 1/10 10 1/10	16 106 12/16 1/16	0 1	3/ July 15 98 4/ July 15 96	1 00 1	07,011	99	
Midas	5% 2% 5 2% 6 3% 3%	63/6 1		Feb. 18, '96 1		78,750 R		Warnford-ct., E.C.	(10 % Pref.). (10 % Pref.). Pausng habang T	3M 3%	356 376 18	0	4/ July 12 30	1 00	12,989	Malay Pa.	in, Johnny's et. 80 17 Queen alcal ji

### "THE MINING JOURNAL" SHARE LIST-(Continued)

	AUSTI	BALIAN	AN	D NEW	ZEAL	AND	MINES.		AUS	TRALI	N AND	NI	EW ZEAL	AND	MINE	S-(Conti	nued).
Name.	Ciosing Price, 3ept.11,1396	Closing Price. Sept. 4, 1896.	Am't. of Share	When last XD and Dividend.	Called up per Share.	Amount of Stock or No. of Bhares Issued.		Head Office.	Name.	Closing Price. Sept. 11,1898	Closing Price. Bept 4, 1896.	Am's, of share	When last XD and Dividend	Called up Per Share.	Amount of Stock or No. of Baares Issued.	Situation of Mine.	Head Office
Makhir's Lump C angle-Cont. Corp. Feauch Exp der, Explor. Anha Garage Anna Bournhill G Anna Anna C Antisalar. G Antisalar.	1 1/6 1 1/6 15/16 pm 1 1/16 15/16 15/16 pm 1 1/16 15/1	211/10 213/10 1/4 1/5 1/4 1/4 1/5 1/4 1/4 pp. 1/4 1/6 1/4 1/6 1/4 1/6 1/4 1/6 1/5 1/6 1/5 1/6 1/6 1/6 1/6 1/6	1 0 1 0 1 0 1 0	2/ July 15 '96 100 % '95 c.nwAug 28'96 5/ Oct. 20'95 DO June 28 '96 -/6 Mar. '92 1/-July 30 '96 1/- June, '91 1/- May '95	1 0 0 0 10 0 0 10 0 0 10 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	100.000 125,C00 40,000 40,000 100,000 90,007 375,C00 10,000 218,315 574,799 500,000	W. Austral N. Z. aland Cool., W.A. Gymp.Q'ld S. Austral.	4-5, Throg. Avenue. Worcester House. J. Frinces Street. 30, 8. Swithin's Line 4, 4th. Winchester St. 20. Bucklerabury 5. Queen.st. place 42, Now Broad-street Winchester House. Hillgrove, N.S., Wales 38, Coleman Street.	Waihl G. Junction Silverton Waitekauri Contral Coross Cross United United Wartath G. Water Trust Min. Woff Mations Wontworth G. W. A. Develop's G. W. A. Develop's G	13/6 14/6 14/6 13/16 13/16 15/16 15/16 11/4	2% 2% 5 5% 8/ 9/ 13/6 13/6 10/ 11/ 13/6 15/6pm 12/8 13/6 13/6 11/6 15/6 11/6	1/ 1	2/~ June 12,'96	1 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0	18',000 110,000 60,000 136,000 130,000 130,000 50,000 120,000 50,000	Ha'raki,NZ Crydn, NZ W. Austrai N. B Wales	12, Finsbury Circus, 23, College Hill 11, Abchurch Lane 63, New Broad St. 19s, Coleman Street, 63, New Broad St. Finsbury House. 43, Threadneedle st Broad Street House 77, Bishopsate-st. 4-5, Throgmort, Av. 4-53, Morrate course.
B mboo Queen  styley's Reward G  styley's Reward G  styley's Reward G  styley's Reward G  styley's Regonald,  reopty,  Regoness Prochid  sus Sparad G, G  sunda Arma  Block G  s. Geo. G  Bot, Brok. Hill S  and Arma  sules Illi Prop. S  sules Illi	5/ 6/ 2/6 8,6 11/4 2 3/6 3/6 1/ 11/- 7/6 8,6 1/ 11/6 1/6 1/6 1/6 1/6 1	5/ 6/ 4.6 5/6 1 ½ 2 9/6 11/6 3/ 3/6 10/- 11/- 8/6 9/6 3/4 1 11/6 13/6 11/6 13/6 11/6 13/6 11/6 13/6	1 0 1 0 1 0 2/6 1 0 1 0 2 C 1 0	-/4 Dec. 94 	1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0	480,000 150,000 140,000 600,100 500,000 82,298 120,000 70,000 72,000 240,000 400,000 960,000 6',5.0	Coolgardie Coolgardie Coolgardie Corom. N.Z. Otago, N.Z. C. T.Q'iano	Psby. H. Bi'mf'id St. 15., Uannon Street. 4, Bishopsyte St. Wn 1, Metal Exch. Bidgs Dashwood House, 6 8, Great St. Helen's 16. S. Helen's Place Charters Towers, 16. S. Holen's Place Otharters Towers, Dashwood Ho., E.O. 57, Moorgate Street 3, Gt. Winchester st. 4, Gt. Winchester st. 4, Gt. Winchester st.	W. Aust. G. Conces. W. A. Er. & Fin. W. Australian G. F. Mines Dvl Aust. Mining Aust. Mining Aust. Pioneer. Share Corp. Venture. West Roulder Woodstock Zechan Montana S	436 436 836 9 136 2 pm 7/9 8/3 136 236 pm	1% 1% 436 4% 9% 9%	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	2/ Sept; 27 '93 rts Mar, 27 '93 6/- July 30 '96 10/ Oct 30, '95 7%d.Mar.27'96 15/ Oct. 30 '95 -/4 Dec. 95 2% Dec. 95	0 5 0	255,000 266 410 65,000 320,000 19,993 200,0.0 	Coolgardie W. Austrai	33, Old Broad st., BO, 54, 25-29, S. Swithin s.lu 3, Princes Street 257, Winchnester H. 3, 119, Cannon-street, 28, 8t. Swithin's in 3, Princes Street. 28 & 29,8, Swithin's in 5, Drapers Gardens, 11, Queen Victoria es
Canidy HillG	15 M	11/16 13/16 13/16 13/16	1 0	=	1 00	115,000 93,522	Coolgardie	Copthall House, 9-10, King Street, E. Wor'st'r Ho., Waibr's				EUR	OPEAN 1	MINES	3.		
central Bouncar  E. E. S. A. Inval.  O W. A.  Luariers Tow	56 3 pm 576 13 16 1/3 1/3 334 4 pm 56 11/1 pm 56 14/1 pm 56 34 1 156 2/1 1/6 2/ 1/6 2/ 1/6 2/ 1/6 1/6	% % pm % 15/16 1/3 1/9 5% 4/8 pm % 5% % 1 11% 5% 3/4 1 11% 1 1% 2 1/6 2/6	1 0 19/ 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	4*8d Mar 12*96* 1/7 M Mar 27 96 10/ Mar. 27 '96	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200,000 122,000 200,000 21,140 75,250 246,779 225,583 104,467 90,000 150,000 100,000 150,000 150,000	W. Austral Queensind W. Austral Pilbarra Murc., W. A. W. Austral Cool. W. A. Queensind Hann's W.A. Queensind	1, Met. Exchg. Bidge 2, 110, Cannon Street 139 70, Cornhill. 30, Moorgate Street. Broad Street House.  Broad Street Avenue 30, S. Swithin's in. 30-1, S. Swithin's in. Blomfield House it. Cannon-st., E.O. Blomfield House, it. C. Blomfield House, it. C. Blomfield House, it. C.	fortuna L Libiola L Libiola C Linares L Mason & Barry C Pestarena G Ponigiband SL Kio Tinto (1st Mrt. Bds)	11/4 11/4 71/6 71/6 7/6 11/6 21/4 21/6 51/6 6 21/4 31/6 4/6 5/6 23/4 24 104 103	1½ 1½ 7½ 7½ % 1½ 2½ 2½ 5½ 8 3 3 ½ 4/6 5/6 23% 23% 104 105	2 0 0 1 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 0 10 0 0 0 0 10 0 0 10 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 0 0 0 0 0 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5/- July 84 1/- Apr 15 '96 4/- Apr 29 '96 9/- Apr 15 '96 2/ May 23 '94 11/6 Dec. '54	1 0 0 5 0 0 3 0 0 5 0 0 20 0 0 10 0 0	55,200 25,000 50,400 14,998 185,172 67,809 14,000 325,000	Spain Spain Italy Spain Portugal Italy Coueron Spain	8, Queen-street-place 19, Grey-st, N'castle, Dashwood Ho., E.O., 5, Queen-street-place, 27, Cannon-street, 67, Queen-street-nl. 30, 8t. Switnin's-lane
Day Dawn B.A. W. G. P. C. G. Engle's Nest	3/8 4/ 3/8 4/ 3/8 4/ 3/6 1/8 3/6 1/8 3/6 1/8 pm 3/6 3/6 pm	14/6 15/ 3/6 4/6 1/ 1/6 3/ 1 3/ 4/ 3/ W pm	1 0 1 0 1 0 1 0 5/	-/8 June 12 '96 -/8 Apr. '92 	1 00 1 00 0 18 0 1 00 0 5 0 1 00	498,400 490,000 120,000 2,500 400,000 9,000	Victoria Mt. Margrt Haur'ki NZ W. Austral	16. S. Helen's Place Winchester HoE C 71-72, King Wm. St Finsbury House. Copthali House 4, Sun Court	Ripanji SQ Tharsis	634 6	NOR	10 0 10 0 10 0 1 0 1 c	7/- Apr 29 '96 37 June 30 '96 57 June 30 '96 57 June 30 '96 57 Dec. 31, '95 37 Dec. '94	10 0 0 10 0 0 10 0 0 1 0 0 0 10 0	95,000 625,000 1,500 5,450 14,050 99,634 9 090	Servia Spain Germany	120,Bishopsgt-st,Wnf Giasgow, Ho., E.C. Walbrook Ho., E.C.
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Golden Cement Golden Cement Golden Cement Golden Cement Golden Go	19/6 11/6 2 29/6 1/ 2/ 11/6 11/6 11/6 11/6 11/6 11/6	2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0	5/- Oct 30° 95 3/ June 12 '96 4/&rtsJn.12,95	0 8 6 1 0 0 1 0 0 0 10 0 1 0 0 1 0 0 1 0 0	450,060 175,000 100,000 150,000 90,000 120,000 80,000 240,000	W. Zealand W. Austral Queen sind W. Austra:	3-6, Queen-st. E.O.  5, Princes Street, EC  54, Old Broad Street  34-36, Gresham-st.  13. Helen's Place  9-10. King Street, E.C  4. Bishopegate Street  20. Bishopegate-st Wu  3, Gracechurch st.	Treadweil G Anseonda	55/ 58/ 1133/ 1013/ 12/6 13/6 -/6 1/-	6% 6% 54/ 54/8 113 114 101% 101% 13/ 14/ -/8 1/	\$25 4 0	10 X May 9, '96 1/6 July 15, '96 6% X May 14'96 7% May 14'96 1/- Peb. 13'96	\$25 4 0 0	1,200,000 158,920 £135,300 £181,300 400,000 \$20,000	Montana Arizona	74, Geost., Edinbor  8, Drapers-gardens. Winchester Ho. E.C.
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houman houb Boulder n Coolgardle Kalgurii Omnium GM Asse	11/16 113/ 111/16 113/ 16 1/ 11/16 13/	8/ 10/ 11/4 13/ 10/10 111/	1 0 1 0 10/-	rta July 15, '96	1 00	100,000	Dundas W. Austra	Broad-street House.	Lagunas	2½ 2½ 5½ 6 8 9	2 2% 5% 8 8 9	5 0 6 0 5 0	5/- June 26 '96 15/- May 14, 96	5 0 0 5 0 0 5 0 0	120,000 110,000 22,000	Tarapaca Chili	3, Gracechurch st; 70, Liverpool.  9, Gracechurch-st.
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# CORRESPONDENCE

To wish it to be understood that we do not held ourselves responsible for, and do not necessarily endorse, the opinions of corresp munications must be accompanied by the name though these need not necessarily be published. mied by the names and addresses of the senders

### THE STRUCTURE OF THE PYRENEES.

THE EDITOR OF "THE MINING JOURNAL."

SIR,—The Iron and Steel Institute will, in their admirable excursion of the 29th inst., stand before a Pyrenean mountain where iron has been mined by every method, and smelted by every process during more than 20 centuries. In erecting any heavy machinery I have long employed that iron for the most essential parts, even when obtaining from Kalk or England the natings or forgings. Before the recent progress of mines of the mountain in question were classified on known principles, and those of some persistence in depth were secured and subsequently sold to an eminent French leader of industry, whose name is identified with the Pyrenean industry, whose ys. Being for many years consulting engineer to al holders, the entire history is familiar.

More than £300,000 was subsequently spent in preparations to extract ore from the proper of the subsequently spent in preparations. lodes whose imposing outcrops are cut and destroyed by granite at a trifling depth. The rocks were Carboniferous, Triassic, and Cretaceous. Such rocks, according to the most positive assertions of French official geologists, could not be cut by assertions of French official geologists, could not be cut by granite voins. I alone continued to appeal to new facts of observation, confirming for the whole Pyrenees the genuine surveys of Dufrêncy and the founders of Pyrenean geology. Not only is the vital question of the duration and extent of iron mines involved in this purely geological issue, but the comparative extent, richness, and character of fine lodes of argontiferous lead, copper, &c., in the same district is predictable in proportion to the integrity of their geological description. To depths of even 1300 feet becauth the currie of the proportion to the integrity of their geological description. To depths of even 1300 feet beneath the surface I have enjoyed opportunities of following the granite intrusions miles away from all its surface outcrops, and beneath rocks classed as Cambrian and Triassic, in which I have collected a singularly beautiful and complete series of the most characteristic species of the Upper and Middle Cretaceous formations, within a mile of the mines.

This example being sufficient for the moment, I would next remark that every problem concerning the main value of lodes, and even frequently concerning the practicability of canals and and even frequently concerning the practicability of canals and other engineering works, depends on simple geological issues at present rendered insoluble, and angrily or contemptuously set aside by those desirous of dumping in the bottomless pit the savings of governesses, widows, peasants, and country parsons. Men whose domestic virtues are photographically displayed on every boulevard, and whose interesting families are even whimpered over by police magistrates, throttle science while they buy the Press. The devil, by entering the bonds of matrimony for very rossible a thousand warr, has settled into buy the Press. The devil, by entering the bonds of matrimony for very possibly a thousand years, has settled into an angel of light. Anglican Bishops even recite his praises in the technical organs of nature. His domestic servants, as collegiate deans and heads of the new education, teach filthy doctrines, and the hatred of all forms of religion and morality to boys caught and bribed in the parish schools. Their efforts to depress the tail, and to conceal the hoof, if any independent scientist enters their class rooms, have afforded great diversion to my friends. To the latter I owe entirely certain receipts which have enabled me to recognise amidst the one grain of truth and the dozen bales of humbus piled on every question of practical science, the humbug piled on every question of practical science, the adamantine texture of the Eternal. In the conversation of Owen, the lessons of Goodsir, the eloquence of Hofman, the jokes of Ramsay, the boyish brilliancy of Yon Groddeck, there was an element entirely wanting to those who see in science a ladder from the gutter to the University. To my earlier instructors science was in fact admittedly the surest road from the University to the gutter, and to the most honest and most practical of all English geologists life was a struggle for daily bread and death, and obliquy the inflicted reward. Percy, with unusual advantages, suffered a similar fate. In the Pyrenees despair and suicide have successively removed each observer who has ventured to assert the truth. As the essential price of what knowledge I have been able to acquire I have conserver who has ventured to assert the truth. As the essential price of what knowledge I have been able to acquire, I have been compelled to face probably sudden death certainly 50 times; and as neither bullets at 10 paces, fearful threats at a sater distance, nor financial webs of attractive texture have robbed me of finally absolute independence, I may be allowed to speak occasionally of that stone which to a great alchemist, whose noble presence fills the most vivid resultationable things youth, suppassed in value and significance all attrachlet things.

youth, surpassed in value and significance all attainable things. Since my last letter I have received the latest number of the Bulletin de la Société Géologique de France, dated June, 1896, containing the conclusion of one of my scandalous appeals to quarries, ditches, mines, and other unconsidered trifles inconveniently concerning theories that embrace several quarters of the globe. The first portion of a geological survey of the Hautes quarries, ditches, mines, and other unconsidered trifles inconveniently concerning theories that embrace several quarters of the globe. The first portion of a geological survey of the Hautes Pyrénées appears in the same number, and describes numerous sections and a geological map destined to prove that the identical Crotaceous slates described in my last two letters are Cambrian or Precambrian, that they contain no fossils, and that all supposed Crotaceous penstrated by granite is of similarly remote age. Universal negatives are the daily nourishment of the writers who have announced that the Alps are unpide down. writers who have announced that the Alps are upside down, that Provence has coiled itself like a Pharoah's serpent, and that the folds of strata have been from all eternity arranging themselves exactly along the lines fixed by a gentleman whose progress to this conclusion has attracted my interest since his first appearance on any stage. I sincerely trust that no accident may delay the publication of the map and sections already described in the distributed Bulletin, for that map and those sections will for ever explain the methods and value of the new described in the distributed Bulletin, for that map and those sections will for ever explain the methods and value of the new geology. The last General Director of the Geological Survey of France described my maps as "a priori inadmisible." I can more modestly reply that this criticism is inevitable to one who judges by maps that are a posteriori absurd. Short of swallowing the Cretaceous fossils that I have found in all the best examples of the "Cambrian" of the directors and principal collaborators of the official survey, their employés cannot escape collecting some of them in the end. To discuss their geology of the Alps would, I think, be at present superfluous. Sic transit gloria mundi. I must remark that the author who has kindly furnished the coffin of the new geology has done his work with talent, and has with politoness promised to explain the manner in which my blunders have grown up. In a map which I furnished at his request for his principal geological work, I supplied him with the geology of the border of the Hautes Pyrénées, and in recent papers I have deals with the rest. He had, consequently, only the easy task of correcting my blunders, and so preventing the harm which might have resulted from my announced mappings of the Hautes Pyrénées. He has especially concerned himself with the environs of Lourdes and Bagueres

re. Thirty years ago, after taking the first place in at the Royal School of Mines, I devoted two to the environs of Bagueres de Bigarre, and inonthing to the environs of Bagueres de Bigarre, and I have for several years been spending much time in solving the palsontological difficulties which contradicted the stratigraphy. I have now completed this task of mere patience, finding, of course, that the entire difficulty had been created by hasty and theoretical determinations of fossils, which determinations I could not but respect. My learned colleague in the same field had not time to visit the museum where these fossils are preserved, nor to extract them anew from the exposures that originally supplied them. The hurry and elaboration of his paper doubtless left only a few hours for field work. Similar paleontological evidence has throughout the Pyrenees formed the basis of laboratory work that occupies large portions of the Bulletin des Services, and consists regularly of a mountain of second-handerudition and mineralogical descriptions

mountain of second-nanderidation and mineralogical descriptions that contribute nothing to the question.

At Bagueres de Bigarre not a single fossil really characteristic of the Lias has ever been found. The fossiliferous limestones classed as Lias rest on a conglomerate in which I have found Cretaceous fossils along half the Pyrenees, and which has been wrongly classed as certainly Triassic. Through the Lower Cretaceous letter homesty this conglomerate the Ophita has risen taceous slates beneath this conglomerate the Ophita has risen against the bottom of the overlying limestone, and has there spread out in sheets that microscopists describe as beds and conpread out in size that indicate the property of the grantic has done the same thing. The metamorphism inevitably resulting temporaneous lava the same thing. The metamorphism inevitably resulting has, in proportion to the nature and intensity of its effects, led hasty tourists to recognise formations of all ages in the Cretaceous sheet, and to class successive synclines of the same age as successive outcrops of all the geological formations. That is the fundamental secret of the structure of the Pyrenees. Last the fundamental secret of the structure of the Pyrenees. Last year I had brought the question to a recognition of the Alpine rear I had brought the question to a recognition of the Alpine Trias as largely present. The completion of some details, delayed by bad weather, has enabled me to ascertain that what is recognisable as "Alpine Trias" in both Alps and Pyrenees, is, like the Flysch, a facies of rocks of various ages, but mainly Cretaccous. The working out of a fundamental error necessarily produces absurd conclusions. The ridiculous stratigraphy of the new Alpine geology is the reductio ad absurdum of such field work as has been produced in the case I insist upon in these letters. Geologists may go back in peace to the sectory of Ramaay and been produced in the case I must upon in these letters. Geologists may go back in peace to the geology of Ramsay and Jukes. The third volume of Suess will never appear, or will be like the mouse that issued from the mountain. Mining science can still advance on an intelligible and comparatively simple basis, which will not be caricatured and conjured with by every budding genius. It has lain, in all easential features, accessible budding genius. It has lain, in all easintial rectures, accessible to every observer who can recognise the indelible mark of the beast on the incrustations that obscure its face. To separate description from humbug was the one insuperable difficulty to every genuine master of the subject. They were not far from the formulation of the remedy, but they perished before it left their lips.—Yours faithfully, P. W. STUART-MENTHATH, their lips.—Yours faithfully, Argelés, August 31.

### PROFITABLE FIELDS FOR BRITISH INVESTORS.

TO THE EDITOR OF "THE MINING JOURNAL."

Dear Sir,—Bearing in mind the enormous amount of British capital "invested" in so called "securities" of foreign States and some American Republics, and also, unfortunately, the great losses consequently suffered by many ill able to afford it, I should like (being a regular reader of The Mining Journal, and having acted upon its most reliable information) to thank you for calling attention to New Zealand mines and to the and having acted upon its most reliable information) to thank you for calling attention to New Zealand mines, and to the safety and profit obtainable by investors carefully selecting mines and other enterprises in our own colonies. There is, I may add, this additional advantage in choosing this channel for one's spare cash—it creates what has been wanting in many Englishmen, an intelligent and abiding interest in the successful development of the British Empire. evelopment of the British Empire.
Your very able and detailed articles on New Zealand mining

proves beyond question that that favoured colony will long continue to be a marvellous field for profitable investment. Those who have but a slight knowledge of the colony are aware of its great progress since the successful close of the Maori war. With great progress since the successful close of the Maori war. When all the advantages of modern civilisation there are now in both the North and South Island increasingly large cities with many fine buildings, mostly due to British enterprise and money. This works are colony is specially attractive, because it is so homehealth-giving colony is specially attractive, because it is so home-like, so fertile, so rich minerally, so small compared to Africa or Australia, and so easy of access to nearly all parts owing to the

iron horse's rapid stride.

The famous Waihi Company has shown what a great improvement in mining has followed the adoption of the cyanide process and the best plant and machinery, making profitable many an otherwise unprofitable mining venture, and almost indefinitely extending this highly remunerative use of British capital, provided companies are not over-capitalised, and their management is energetic and honest. Another proof of the progress of the colony is seen in the Nelson district of the South Island. Until recently scarcely anyone knew of the wonderful property of the Taitapu Gold Estates Company, because it was a native reserve. But Messrs. Beetham and brought it before the English market in August, 1895 rarkes brought it before the English market in August, 1890, and already the development is remarkable, and it promises to be one of the best investments for British capital, as almost every mail brings fresh proof of the surprising richness of its gold-bearing areas. Several influential exploring companies have paid substantial sums to the Taitapu Company for the right of prospecting, and have taken up those rights, and others are eager to secure a like privilege. The proper company processes are absolute freshold. taken up those rights, and others are eager to secure a like privilege. The parent company possesses an absolute freehold of nearly 90,000 acres, comprising besides the gold-bearing parts of the estate extensive coal deposits (officially reported at over 30,000,000 tons), valuable timber and water supplies, and it has a sea frontage of about 23 miles extending from Kahurangi Point to West Wanganni Inlet. The Mining Department of the New Zealand Government I believe are reporting upon this unique property, and the company's manager, Mr. Low, will shortly be in this country, and will then doubtless give many interesting and satisfactory details. I have, however, I hope, shown sufficiently the importance to British capitalists of investing their money in our colonies in preference to foreign "securities," and that not least among the profitable fields will be found New Zealand.—Yours sincerely, E. W. T.

### THE POLLUTION OF WATER IN BRITISH COLUMBIA.

DEAR SIE,—Perusing an old Mining Journal, I came across the statement "the mining industry of Columbia has been paralysed by the unexpected enforcement of a law respecting the pollution of rivers."

As this question may again crop up in other parts of the world, I suggest that a device of mine, which I will explain, be made known through the medium of your valuable paper.

Where there is appolluted water difficulty, a series of "slum"

E757 7s. 5d.

catch-pits" and a large reservoir generally exist, but which do not sufficiently purify the water. This failure is owing to the and overflow of water are simultaneous fact that inflo

It has been observed that in a few hours, after work in the mills is over for the day, the water in the reservoir becomes perfectly still, thus the suspended matter is better enabled to

gradually sink to the bottom.

When the supernatant water begins to clarify, it may be gradually and continually taken off by means of a floating apparatus, now to be described.

The apparatus of the supernatant water begins to clarify, it may be gradually and continually taken off by means of a floating apparatus, now to be described.

apparatus, now to be described.

The apparatus consists essentially of a hollow vessel, made of thin sheet iron by preference. At the bottom of the ressel there are two holes, which we may call the inlet and outlet. These, of course, can be made to take any given quantity of

water.

The supernatant water enters the vessel through the inlet, and is drained off by means of an india-rubber hose of suitable size. This hose is fixed to the outlet; the other end is attached to the bottom part of the sluice. The water is thus discharged outside the re ervoir.

inlet is provided with an appropriate valve arrangement whereby the apparatus may be regulated, or its action entirely

stopped when necessary.

Moreover, it is provided with four chains of light section and of convenient longth, which are attached to a frame stan-ing out of the water. When the apparatus sinks to a certain position it hangs by the chains, and is thereby pre-vented from coming into contact with the thick slimes.

Prior to resuming work in the morning the inlet valve is closed, not to be opened until the surface water is again der in the evening. This procedure is repeated daily.

It gave great satisfaction at the Castillion Mine, France, and the construction is simple.

the Lidjessy Mine, Asia Miner. Its construction is simplicity itself, and is inexpensive.—Yours truly,

Halkin Mines, Flintshire, September 9.

### THE PREMIER BOGUS GOLD FIELD.

TO THE EDITOR OF "THE MINING JOURNAL."

SIR,—I observe in to-day's leader of the British Australaise a cry of despair over the greatest fraud of the century, Western Australia as a gold field, forecoth! and the reason for that cry

For a long time now your highly esteemed contemporary has been writing up this gold field, and so have you, Mr. Editor, though doubtless in a more discreet fashion, and, therefore, neither of you, can find fault with fair and honest comment, when every one is just beginning to examine the dark side of the picture, and instead of gold extraction from the bowels of the earth, the far more disagreeable open; more disagreeable open bowels of the earth, the far more disagreeable openi-tion of gold extraction from the pocket is the only tangible acquisition it can boast of. Whilst British and ethe European capital continued to pour in, and the boom thus is successfully engineered by the crowd of interested falsi-cators, no one ever dreamt of working out the economic problem so long as the ball kept rolling; but when the ming-had disappeared, and the unfortunate investor fully realised that out of the supplaced axid waste it would cost, over \$\frac{1}{2}\$ to get. out of the sunbaked arid waste it would cost over £5 to ertract £1 of the precious metal, and is likely to cost more as the pace increases, he finds a difficulty in shutting the door before the last sovereign has gone. How many paying concerns are there? Try your best, and you would not find half-a-dome. Surely after all this flourish of trumpets during the past three. there might have been something bette the greatest pessimist could never have estimated worse.

Everyone is living, and every township is built upon capital introduced, and there is nothing in the shape of agricultural or other industrial enterprise to fall back upon, which soft forms a backbone after all, as labour must exist at a reasonable figure before owners can produce at a profit, and that seem highly problematical for a long time to come, if ever it come

The exodus from all the neighbouring colonies tells its om The execute from all the neighbouring colonies that the disappointing tale, when the worn out miners daily return it crowds, only to recapitulate the hardships experienced all throughout the piece at the instance of unscrupulous and interested speculators.

Every newspaper to hand contains at the best but a halfhearted sinister expression, or commendation, or whatevers you may chose to give it, when referring to this so-cal Elysium, but no amount of plastering can ever heal the so The expansion, as it stands, is a failure—an utter failure ever heal the son

No doubt your contemporary, means well, and assurely would prefer to see their friends make money; but they as wrong—absolutely wrong—on this occasion, and it almost look as if they knew it.—Yours truly,

57, Gracechurch-strest, September 10.

ZEEHAN MONTANA (TASMANIA).

The directors state that they are now enabled, in fulfilmed of the forecast made by the Chairman at the annual general meeting held on June 2 last, to declare out of the profits of the chairman at the control of the profits of the chairman at the control of the profits of the chairman at the control of the profits of the chairman at the control of the profits of the chairman at the control of the profits of the chairman at the control of the profits of the chairman at the control of the profits of the chairman at the chairma company an interim dividend at the rate of 8d. per fully-pail share, and 6d. per share 15s. paid. Warrants for such dividend will be posted to all shareholders registered in the books of the curpacy on the 30th inst. The shipments of silver lead ore, silver the leaders at the comment by cable as being in course of transit, are the largest the company has yet had from the mine. They comprise a total of 605 tons of an estimated net value of over £10,000. In addition to the 180 tons have just been delivered at Antwerp per the ss. Older burg, of an estimated value of £3000, of which £2750 have already burg, of an estimated value of £3000, of which £2750 have along been received. The directors further announce that, as the result of a lengthy negotiation, they have concluded the purchase of block of land immediately adjoining the company's eastern burdary, and comprising in all about 26 acres. Having regard to the fact that all this company's lodes dip easterly, and most therefore, in depth pass beyond its original eastern boundary and enter the property in question, the directors look upon the purchase as of some importance. Moreover, the present min shaft will, in consequence, occupy a more central position is the purchase as of some importance. Moreover, the present shaft will, in consequence, occupy a more central position in the combined properties, which will now consist of about 66 sem, and the company will be enabled to continue the deralgment of two lodes which have already been works with good results right up to the previous easien boundary. The purchase price agreed to be paid for the additional land, which is held under the usual Government of the company and the directors can, if necessary, defray the whole out of the revenue of the company. As, however, his clearly an expenditure on capital account, the directors have decided to offer the whole of the remaining unallotted capital the company, amounting to £2370, to the present shareholder, so as to partially replace the amount now being paid out or evenue. The shares will be payable—5s. on application, as January 1, and 5s. on July 1, 1897, after which date further calls, if required, will be made in the same manner and at the same time as calls on the other shares of the company on what time as calls on the other shares of the company on what the Balaguar Mysore Mines (Limited) have said.

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# PROVINCIAL SHARE MARKETS.

THE CORNISH MINE SHARE MARKET.

## SCOTCH MINING AND INDUSTRIAL COMPANIES

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SCOTCH MINING AND INDUSTRIAL COMPANIES
SCIALING.—Mr. J. GRANT MAGLEAN, Stockbroker and Ironbroker
(Splember 10), writes: —During the past week there has not been
(seeb business doing, but the tone is better owing to the settlement
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New 80 to 59]. North British, the dividend on which is announced at per cent, per annum as against stil a year ago, has gone from 19-16 to 47 15-16. Insurance shares, where altered, are higher. Bers has been some advance in Liverpool, London, and Globe, Indoa and Luncashire, Northern, Boyal, Scottish Life, and Scanfard Life. In Bank of Sc. tland there has been an advance from 39 to 301. B.1 ish Linen Bank has declined from 440 to 439, Cyfeddle from 201 to 201, Commercial from 77 to 762, Union from 201 to 201, Commercial from 77 to 762, Union from 201 to 211-16. Arniston Goal shares have fallen from 201 to 191, Sied Company of Scottand from 52 to 5 3 16, Wilson and Clyde Ins 51 to 91, Fife Coal have risen from 162 to 171, Cowdenbeath from 18-16 to 163, Niddrie and Benhar from 41s, to 41s, 91, Siesat and Clydesdaie from 131 to 212, Tharsis from 52 to £5 18... Siesat and Clydesdaie from 231 to 213, Tharsis from 52 to £5 18... Bio Tinto from 231 to 214, Tharsis from 52 to £5 18... Bidliers alter are warrants have changed has 18 to 183 Missouri Land and Live Stock have risen from 20-18. Panile Cattle from 19-64. to 21-1.

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# REPORTS FROM THE MINES.

our angloss shaft will very shortly be deep amough to open up a new level at up reserves below that level, and can be drafined by create thing and the plant the water at our 250 feet in adolt (asy) 256 feet fairings, on that our reserves of it they ground protune the product of the state of the present moment, and it is water at our 250 feet in adolt the state of the present moment, and it is the water at our 250 feet in adolt the state of the present moment, and it is the product protune the product of the pro

THE MINING JOUK.

The drive in order to get under the runs of gold met with in the upper levels. The drive I consider very important, as the slide met with in the 300 is dippling south at an angle of 45°, and as gold was made in the north side of the slide there is every reason to expect the run of gold to be continued on the south side.—Rising above the 420 on Bootty's reel. This rise has been extended 23 feet by two men, during which we obtained some rich stone that I estimate would pan out 5 ounces to the pound. The gold was out out by a slide which we have passed through, and the reef is making again, so that we hope to pick up the run of gold referred to above. We have done some acoping north and south of the rise, which together measured 17 by 3. In taking up the leading stope north and south we found some small but very rich stone, and we are hoping that this will turn out to be a continuation of the rich shoot met with in the 300 and intermediate.—Rising above intermediate on Bootty' hanging wall portion. The rise has been extended 18 feet by two men through a country at present very broken, but a good class of sandstone for gold. The reed is 10 inches thick, composed of quarta and pug oi a vory dark colour; this is also looked upon as a good indication for gold. In breaking down the reef, we have seen strong blotches of gold, and there is every appearance of improvement. As the footwall portion gave very good ore, and was opposite the above-mentioned working, we are expecting something good ere long. I have examined Larnach's engine shaft, and find that repairs are necessary. About 01 feet below the collar the timbers are showing signs of giving way, through the great pressure of the ground. These repairs will be effected at once, in order to make the shaft secure.—Corby section. No. 1 level has been extended 22 feet by two men, making a total of 114 feet. During the drivage the reef has carried a good hanging wall, and at times has widened out to 10 inches of solid quarts; but, unfortunately, nothing

the Kapanga ret in Grossea has been extended from the Kapanga handcountry rock is very hard stone, and has the appearance of the Kapanga handcountry rock is very hard stone, and has the appearance of the Kapanga handcountry for the theory of the country of the country of the country of the country
of melies gold, valued at 53s, 3d. per ounce. All machinery and pitwork
working well.

KOMATA (GUEEN.—The acting manager reports under date August 5: The
developments in this mine have been considerably retarded of late by the
extremoly well wester, making out-door work at times impossible sometimes
for days together. The surface of the mine is covered with dense bush, and
being over 1200 feet above sea level, it is for ag exter periodical the work of
fracing the lodes from the Komata reeft has takee a large amount of times and
effort, espocially as sildes have caused displacements of the surface under
which the cap of the lodes are lying, this having been especially marked in
the Lavington lode, whereasthe Argal lode, though less affected by dislocations, is much more heavily overlaid by slip and overburden, and, therefree, more difficult to trace. The Lavington lode has been traced through the
Refs mine to the Queen boundary, and along
one of the surface outcrops as far as possible before heavy rains set in. This lode all
through its avery fine body of ore, and in some instances forms a large precipitous wall, the underlie being very elight. Towards the bottom of the gully,
which it every steep, it is observable in this way for over three chains in
length. At this point the Argal lode, which in like manner has been traced
down through the ground, converges towards the Lavington and ay
which it crosses at a long angle. Near where these lodes converge the Lavingtoo has an apparent width on the surface of about 55 feet. This large body
is not all quarts so far as can be seen in trenching, but several strong ribs of
quarts traversing the sandstone. At the point of apparent junction the Argall
inde in like

same time, in extandic g our levels longitudinally strikes of gold may be met with, which would give us a basis to follow their run for future developments.

FRECC'S POINT PROPRIETARY.—The agent's report under date Joly 75; We beg to hand you the following report for the four weeks ending July 25;—Engine shaft. Four men have been engaged in the timbering and preparing the shaft for the pumping gear. In order to strengthen the colar of the shaft, which had been somewhat weakened by the excess of surface water, we have had to put in several sets of timber, which have made the shaft perfectly secure in every way, and in my opinion will remain so for years. The water has risen almost up to the aditlevel, but as soon as the pamp is in working order will soon be reduced. Hitches have been cut at the adit level and bearers put in to earry the drawing lift odumn. We shall lower this in the next few days. The material for cage roads is on the ground, and the road will be complete to adit level as soon as the pumping gear is ready to start, which we anticipate will be before this reaches you.—Erection of machinery. This work has been carried on with all possible speed, and at the time of writing the pumping engine is completed and the winding engine nearly so. All the framework of the building to cover the machinery has been built, and the next day or two will see the engines covers in. The bricking in of the boliers has been finished, and the foundation of the smoke stack will be completed during the next week. The poppet legs are also being constructed, and very little time will be required to get them into position. Bo far as can be seen at present the pamping and winding machinery, together with the boilers, should give every satisfaction, and when in working order will constitute the best plant of its size in the district.—Burface work. This has included getting the machinery to position for the stress, and bringing up material for the brickingers at work on the booliers, A drive has been put in 63 feet in order to

met with were very favourable. A rest about is inches thick was cut, being of notid quarts of a very likely character for gold. The blacksmith and his assistants havebeen kept busy in preparing malerial required for the machinery and poppet if pr. The mine carpenter has had histime fully occupied in making preparations for the expected speedy revamption of mining work.

KATHLEEN CROWN.—The agent reports under date July 25:—We begt to hand you the report for the four weeks ending as above.—Engine shaft. This has been sunk if feet during the month by 12 men, maying the total depth 76 feet. The country rook is still hard andesite. Water has continued to flow in so fast that we deemed it wise to suspeed operations in this direction, and turn our attention to the adit level with the object of intersecting the shaft workings, and thus form an outsit for the water. We shall then be able to should see us through to the shaft, when we propose outling a chamber, and holsting from the bottom of the shaft to this level. We then hope to be able to shink the shaft another 05 less before we are again troubled with the water. During the driving nothing of note has been encountered, the country being the same as that met with in the shaft sinking.—Burface work. We purpose doing some so rface prospecting, employing those who were considered the sundance of the manner than the contract of the shaft sinking.—Burface work. We purpose doing some so rface prospecting, employing those who were considered the sundance of the mine, and enhance the value of your property. The office and the country being the same as that met with in the shaft sinking.—Burface work. We purpose doing some so rface prospecting, employing those who were considered the sundance of the manner that the shaft sinking.—Burface work was also shad to the sound of the sundance of the manner than the sundance of the manner than the sundance of the manner than the sundance of the sundance of the sundance of the manner than the sundance of the sundance of the sundance

mattion of reaf from well by will it feet. The marking the construct healthy, at the same time we have not as yet seen any gold in it. We have healthy, at the same time we have not as yet seen any gold in it. We have healthy, at the same time we have not as yet seen any gold in it. We have not not read to the property of the control o

Guadalupe level At this place the vein had apparently and the Guadalupe tunnel from here on followed a stringer, leave the banging wall. The vein is from 2 to 6 feet thick. I encouraged over this discovery, and will keep you fully inform this important development. The stopes along No. 2 and 3 level, but are nearing the surface. We are getting all our work good shape, doing everything in a miner-like way, are cleaning stopes and on the dumps, and after taking out all the ore left langing wall vein between levels Nos. 1 and 3, we expect to be expenses materially. I will state that the general appearance encouraging.

stopes and on the state of the property of the

And the second of the second states of the second s

we struck the ledge, the other two are taken about 20 test holes all alive, You's any idea of selection, as it cannot be selected, as it looks all alive, You's one of the finest ledges in Wheeler Hill that I have ever seen. It is in Steet which, mineralized all through.

NEW PRIMROSE — Monthly report for July, — Mill. As step of 160 stamps ran 27 days, crushing 22,871 tons of ore, julid 6515 6 ounces of smelted gold, at a cost of £22,591 168 My. milling, mining, and general charger, including developments, 19s. 9-07d, per ton.—Cyanide. About 13,991 tons of tailings tone yielded 40843 ounces of smelted gold. Cost, £3770 9s. 9s. 4-67d, per ton.—Mine. Risen 104 feet, driven 530 feet, self feet=822 feet, developing 21,635 tons of ore.—Financial. The self cost of working for the month has been £26,362 5s. 11d. karist profit of £10,307 1s.—E. Brayehaw, managing director, 7. Asist, general manager.

profit of £10,307 is.—E. Brayshaw, managing interest general manager,
SPITZKOP FABM.—In reply to numerous enquiries from the holders the directors state that the present difficulties of transport the Lydenburg district are not interfering with the work in the Lydenburg district are not interfering with the work in the company having a sufficient supply of food and emiss for another six months. The latest advices from the mine as in everything is going right, and that the mill is still working it everything is going right, and that the mill is still working it is the company to the company will be erected as soon as precisible time. The additional stamps will be erected as soon as precisible time.

The IVANHOE GOLD MINING COMPANY are advised a cable from Melbourne, of the declaration of a dividend 2s. 6d. per share, payable on September 28, and notify that it transfer books will be closed on September 18.

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horsver, ai horsver, ai new balog; running con HARRIEN July 31.—71 tonnel P ad 1 some of g 41 feet. Thi stone from crushing to-lowands auro crushing to-lowands auro samploved h HARPTO) July 31; 8i 744 35; 8i 7

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AUSTRALIAN AND NEW ZEALAND.

AUSTRALIAN AND NEW ZEALAND.

JUTRALEIAN MINING.—Fortnightly report of Mr. John James, settings, dated July 31;—During the past fortnight the shate has been sunk resting from the past fortnight the shate has been sunk resting from the past fortnight the shate has been sunk resting from the past fortnight the shate has been such resting to the shating and the break. It is, however, breaking better for the last it sets of the shating, and is dearer in colour, with fossils through it. At the first shate on though she were the shate of the shating ground; is shat. The country is hard conglomerate and very bad breaking ground; is shat. The country is hard conglomerate and very bad breaking ground; is shat. The country is hard conglomerate and very bad breaking ground; is shat. The country of the last four resks. Everything about the mine and winding plant is in the last four resks. Everything about the mine and winding plant is in ground the last four resks. Everything about the mine and winding plant is in some shall be shaded and the shate of the

sed If feet, total 98 feet. We should soon reach the north end of the ross shoot.

BOLIDATED MURCHISON GOLD MINES. — Extract from mine strength of the property of the strength of the strengt

rell is put in later on.—Matitland lesse. According to man aurone true price party is opining up spiendidly, a red about 2 feet wide having been struck at right angle to the old one. The reef is very solid, and excellent results were shalten by dolly. To the provided of the control of the c

is the morrow.— Saint Bernard Mine. Drive north of Pennsylvania shaft is sufferous vein advanced 15 feet; total, 55 feet. Only two men are believed by the control of the c

T MAUDE.—The manager under date of August 5 reports as follows:— done for the past week. Surprise main shaft. The crossous has been exthe def feet, making a total of 40 feet, Several small veine have been expected by the property of the propert

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amsporting at the dopanies are the king full cotionsis.

vined, is idend at that the

and the later, one and the same lode as discovered in the Friendship Mother and the later of the

well. The Ethel-Hope Company's machinery is now ready to commence milling and to operate on our ore. I may mention that they will not be able to continue work until the shed now in course of erection over machinery is complete, as it is necessary the ore should be perfectly dry. We are doing our best to keep the stone clean both from the Big Blow and the Chord, in order to get fair crushings, which should help pay expenses in developing the mine.

LONDON AND WESTERN AUSTRALIAN EXPLORATION.—Mertzy's Mine, Mount Sir Samuel, Mine manager reports: Hansen's shaft is down a feet, logged and timbered. The reef here is 2 feet wide and carries really good gold from the surfaces. This gold is the best I have seen on the mine and is both coarse and fine. The coarse gold is in the solid stone. The reef is the usual troutsone and quarts poculiar to this line. I crimate the stone at 2 ounces 10 dwts. On the Ludy Franklin leave at Pendinnia drive has been put in 6 feet at the 28 feet level. The reef is here 2 feet wide and well mineralised.

MOUNT LYELL—Bugineer in charge of mine reports for week ending

usual ironstone and quartz posoniar to this lin. I estimate the stone at 2 ounces 10 dwts. On the Ludy Frankin lease at Pendinnia drive has been put in 6 feet at the 38 feet level. The reef is here? I feet wide and well mineralised.

MOUNT LYELL.—Eugineer in charge of mine reports for week ending July 24; No. 1 tunnel, north drive. Distance driven for week 7 feet, total 337 feet, No. 3 tunnel, main crossout, Distance driven for week 7 feet, total 337 feet, No. 3 tunnel, main crossout, Distance driven for week 7 feet, total 337 feet, No. 3 tunnel, main crossout, Distance driven for week 7 feet, Total 336 feet. Machine drill has been working in this face during the week.—No. 4 tunnel, south drive, Distance driven for week 3 feet, total 57 feet.—No. 4 tunnel, south drive, No. 2 rise. Stoping carried on during the week.—No. 4 tunnel, south drive, No. 2 rise. Stoping carried on during the week.—No. 4 tunnel, south drive, No. 2 rise. Stoping carried on during the week.—No. 4 tunnel, south drive, No. 2 rise. Stoping carried on during the week.—No. 4 tunnel, south drive, No. 2 rise. Stoping carried on during the week.—No. 5 bench. Ore has been broken in this face and sent to smelters. No. 1½ bench. Remayal of overburden has been carried on during the week.—By wite. July 31; No. 3 tunnel, main crossout. Reached schist, which appears to be hanging wall.—Progress report for week ending July 24; Smelting plant, The capacity of the flume from the east for of queen River has been enlarged to meet heavy requirements for water and various minor works have been put in to facilitate handling of materials. The whole plant is working splendidly. The first consignment by rall of oke was received on the 18th inst. with the completion of the platelaying of the railway. The converter plant 40 feet main posts erected, baif the large main trusses 85 feet span raised and in place. Other framing and erecting progressing astisfactorily.

MOUNT ZEEHAN Crasmanis).—Manager reports for week ended July 23; Sliver Queen section. No. 4 shaft has

MENZIES GOLD REEFS PROPRIETARY.—A report estates: In the south bottom level at the Friday water shaft there appears to be an improvement coming on. The reef cratinaly is looking better. No. 2 south level looks well. Reef fully 2 feet 5 inches, and showing good gold, with a fine body of stone sping under the property of the stone of the guartz broken for the week assayed 3 ounces 7 dwts. It grains per ton. For 1 feet the stone measured 1 foot wide, the total depth 59 feet. A sample of the guartz broken for the week assayed 3 ounces 7 dwts. It grains per ton. For 1 feet the stone measured 1 foot wide, the width of the level and per ton. For 1 feet the stone measured 1 foot wide assays 2 ounces 3 dwts. 20 grains per ton. The sample is an average of the quartz broken for the week.—Gloon-The shaft being sunk on this less is now 2 feet deep.

The shaft being sunk on this less is now 2 feet deep.

The shaft being sunk on this less is now 2 feet deep.

To the sample is an average of the quartz broken for the week.—Gloon-The shaft being sunk on this less is now 2 feet deep.

To the shaft, the shaft, with 5 feet of formation between the waits. No. 2 drive east has been driven 5 feet, total from shaft 13 feet. The reef keeps about 5 inches 10 thickness, of fair quality. The stopes 6 inches 12 linches of good quality, with 5 feet of formation between the waits. No. 2 drive east has been driven 10 feet, total from shaft 13 feet. The drive has great large between the shaft has been sunk 16 feet. The reef average 2 feet of good quality stone. The wins in No. 2 west level has been and 1 if seet, total from drive 35 feet. There is about 1 foot of good quality of the handle of the shaft has been sunk 16 feet. The reef averages 2 feet of good quality, we had a rough clean up of 15 food for the forth gold and the shaft has been sunk 16 feet. The reef averages 2 feet of good quality, we had a copy of the forth the shaft has been for the shaft has extended 26 fee end having bee I have set a end having been driven sufficiently far to enable the men to work with safety, and already reported. The walls on the north end are 6 feet apart and well dedued. I have cut plat at the entrance to X Ei, which has improved the wentilation of these workings,—Shaft F. The 10 feet level south in proved the wentilation of these workings,—Shaft F. The 10 feet level south is been extended a further distance of 12 feet, total distance driven south in feet. The lode in the end is small, and the formation broken. The 20 feet level south in the end is small, and the formation broken. The 10 feet level south drift 10 feet in the same portions of the mine for a return of 12 onness 12 date, gold, and 24½ tons of the formation as a trial crushing from the same portions of the mine for a return of 5 onness 2 date, 9 grains gold, or a total of 44 tons for the return of 5 onness 2 date, 9 grains gold, or a total of 44 tons for the return of 5 onness 2 date, 9 grains gold, or a total of 44 tons for the return of 5 onness 2 date, 9 grains gold, and 14½ tons of the mine for a success 3 date, 2 gold in the concentrate.

"ICTOR' (Charters 2 date). The country here is much about the same granite footwill and diorite formation. There is a small veln of hungry quarts on the total of the formation. There is a small veln of hungry quarts on the stain of the formation and the formation of the formation of the formation of the formation of the mine for a return of 5 onness 5 date, 15 feet for fortingth. In the present face there is inches of stone, showing carrying a little moundle, but so far it is of the total of the formation. There is a small veln of hungry quarts on the formation of th

rather white. In the stopes at the back of this level the reef is from £ to 12 inches, carrying fair mineral. From this shaft there has been hauled £ tons for formight. There are 20 inches a surface.

If you will be the stopes of 10 feet. The reef a series of 10 feet. The reef a series of 10 feet. The reef a series is surface.

Have driven the ND OUEEN.—Manager's report for fortispite anding July 22: Have driven the ND OUEEN.—Manager's report for fortispite anding July 22: Have driven the Stope and the surface and the su

Working Expenditure,	0					
Mining account (including mine maintenance) £10,377 19 10	*****	(2)	13	3	66	8.
Milling account (including mill main-					-0	
tenance) 2,774 15 0 General maintenance account 385 12 0	100100	. 0	0		93	
	205-12	. 0	1	4	91	
£14,637 8 10	000003	£0	18	9	19	
Expenditure on mine development (including main shafts) 4,040 10 8	*****	0	5	2	16	
Ditto en machinery, plant, and buildings 2,529 18 1	*****	0	3	4	46	
£31,307 17 5	*****	41	7	3	81	
Retreatment Account,		Divid				
Working expenses at cyanide and chlorination works £ 3,633 3 2						
Cost of concentrates purchased (in- eluding receiving) 13,591 3 9			1			
£38.537 4 4						
Profit for month 238,537 4 4		£35,0	14	3	8	
had a print, and specimen and the small contract of the		£73,5	51	8	0	
Revenue:		10.7				
Gold account (mill) 10,807 ounces 3 dwts £38,535 11 3		1				
Bundry revenue 290 0 0		dan c				
Slimes plant account :-	, ile	£38,9	43	11	3	
5800 tons slimes delivered 1,313 1 10			٦,			
Company's share of profit 341 17 4		1,0	34	19	2	
Retreatment account:- Gold account (tailings) 3012 ounces						
17 dwts 10,003 0 0						
Gold account (own and purchased concentrates) 5357 ounces 3 dwts. 27,139 10 0			49			
Plus amount received in excess of book entry for		32,1	42.	10	U	
May and June gold		8	85	7	7	
the state of the s		£73,5	51	8	0	

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THE MINING JOURNAL, RAILWAY AND COMMERCIAL GAZETTE.

Secretaria 19, 1988

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daily in valing remaining ? but is value on the 6t and mill tes Twenty to the ton. In and of the a subseque from the Mounces from as represent trial was at cablegram of cablegram obtained, the dill concess is in estin yield of 10 cmilled, the The quality operator of hir. Dave mining and also states that there is mining pur which runs in the Monarch be minanche of the mining be mining by the mining pur which runs in the Monarch be mining by the mining pur which runs in the Monarch be mining by the mining pur which runs in the Monarch be mining by the mining pur which runs in the Monarch be mining by the mining pur which runs in the Monarch be mining the mining pur which runs in the Monarch be mining the mining pur which runs in the mining pur which runs in

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ENGLISH
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The Subscription List will close Torday (Saturday) at 12 o'clock nows.

Cablegiam from Anstrollis, dated 7th Indiant, shows that from 45 tons of ore crabed to that date, on account of the New Options Syndicate Limited, 464 exacts of gold were obtained, or an average of 10 onnees 6 dwts. 5 grains per list, resulting in a profit of £1,698.

# THE NEW OPTIONS COMPANY Ltd.

Incorporated under the Companies' Acts, 1832 to 1890.

CAPITAI

IN 50,000 SHARES OF & EACH.

Of which 40,000 will be issued as fully-paid to the Vendors as purchas, consideration, and 19,000. Shares are now offered for Subscription; consideration, and 19,000. Shares are now offered for Subscription; papers by per Share on Application; 7/6 per Share on Allotment part be balance in Calls of seach as required, at intervals of not less than Town Months.

The Town Companies of the C

tan Two Months.

Biodors.—EDGAR TAYLOR, Esq. (Messrs, John Taylor & Sons) 6 Queen Street

Biodors.—E.O. (Chairman). THOMAS BLAIR, Esq., Wool Exchange,

Biodors. E.C. EDWARD FORE, Esq., Director of Golden Australia, Limited

Banker Taylor, Esq. (Messrs, John Taylor and Sons), 6 Queen Street Piace,

Bondor, E.O.

Bondor, E.O

James Anton, Ed. (Mesra John Injust and Sons), o queen stees Inc., joint, E.C. joint, E.C.

limited, in liquidation, and of provining admirations working expans to the factor development of its mining property and the carrying out of its objects of an enlarged scale.

The mining property consists of the Monarch Gold Mine, which is 60 acres in critical, and the adjoining property to the south, situated in the Beechworth. The Monarch Mine has been prospected by the New Options Syndicate Limited, with highly astisfactory results.

Limited, with the Manager of the Crescent Gold Mining Company Limited, and Mr. Davey, the Manager of the Crescent Gold Mining Company Limited, and Mr. Davey the Manager of the Crescent Gold Mining Company Limited, and Mr. Davey by cablegrams and letters in April and May last. He then reported to the property by cablegram and letters in April and May last. He then reported that the lade had been traced for a distance of 300 feet, and that its average substituted in the Company of the Member of the Company of the Member of

the line of the sate is when the state of th

sreagy recommend the purchase of the property, as the natural facilities for mining and conveying stone to the mill are exceptional, to say nothing of the size of the lode.

In a subsequent letter, dated June 7th, Mr. Davey, after receiving instructions as to prospecting, &c., wrote as follows: "Immediately on receipt of this cable is at prospecting, &c., wrote as follows: "Immediately on receipt of this cable is to prospecting, &c., wrote as follows: "Immediately on receipt of this cable is the women to sink a versical shaft to cut. the 'Monarch' Lode at a depth of 2) feet from the surface, the lode being unusually flat, dipping at an angle of only \$\frac{2}{3}\$ degrees from the horizontal. Measawhile the two owners are sinking on the lode for the surface and sloping out a trial crushing as they go. I am pleased to state that this lode is developing most assistatorily, and is improving daily in value, gold being freely visible over a width of about 4 fost, whereas the smaling portion of the lode (6 fost) on the foot-wall does not carry visible gold, sile is valued at about 5 dws. per ton.

On the 6th July Mr. Davey reported by cable the result of his explorations and mill estat, which were of a surprising character.

Twenty tons of ore obtained from the outcrop yielded 6\frac{1}{2}\$ ounces of gold to the ton. I a subsequent crushing, advised on the 27th of July last, also of 20 tons of ore bent the Monarch Mine, yielded no less than 385 ounces of gold, including 98 ones from 3 cert of specimens. This extraodinary yield must not be taken a representative of the quality of the ores throughout the mine, and a further tail was at once proceeded with of lower grade ore, with the result, received by shiggm on August 5th. that from 12 tons crushed 52 ounces of gold were obtained, thus howing the average of the three trial crushings to be at the rate afficiences of gold are ton.

It estimated that a good margin of profit would be shown, even with a yield 610 dws. of gold to the ton, but with such ores as have been act

issign and milling, enabling the cree so we want to be seen that water abounds in sufficient quantity for all requirements, and he sates that water abounds in sufficient quantity for all requirements, and his there is abundance of excellent mill site is also obtainable close to the river, shick runs in proximity to the Company's property.

The working capital now to be provided will enable extensive development of the kinearch films to be proceeded with, and should the results, as anticipated, satisfactery, it is inheaded in due time to offer the property for re-sale to a gape Cospany to be hereafter formed.

The few Options Syndicate Limited, in Liquidation, who are the Vendors, are land to price to be paid for the properties at £40,000, and stipulate that gapes is a price of the price to be paid for the provide working capital.

The following contracts have been entered into—namely:—

1. An Agreement dated 20th April, 1886, between Arthur E. Smith and John McKensie of the one part, and Thomas Garby Davey of the other part.

2. An Agreement dated the 27th day of August, 1896, between The New Options Syndicate, Limited, and John Gariand, its Liquidator, of the one part, and an Alfred Wright, as Trustee for this Company, of the other part.

2. An Agreement dated the 26th day of August, 1896, between John Taylor & Sons of the one part, and Alfred Wright, as Trustee for this Company, of the other part.

2. Opies of the above contracts and of the Memorandum and Articles of Association of the Company may be seen at the offices of the Company's Solicitors.

Switch the above Contracts there are other agreements, to which the Company and spart, made by or on behalf of the Vendors and others, with reference to the formation of this Company and absorptions to its Capital, which agreements apart, made by or on behalf of the Vendors and others, with reference to the formation of the Solicitors.

2. Seempanies of this Company and absorptions to its Capital, which agreements and Forms of Special the testing of the sale agree

### RAND OUTPUT FOR AUGUST.

HE gold crushings at Witwatersrand, according to a cable received by the Union Steamship Company, for the mouth received by the Union Steamship Company, for the inclusion of August were 212,428 ounces, which is the record output. This shows an increase of 8555 ounces, as compared with the previous month's total, and an increase of 8855 ounces, as compared with the corresponding month of last year. The following table gives crushings to date:—

191	11111	1892	1893	1894 .	1895	1096
	52,949 1 55,871 16 64,673 1 58,868 1 54,924 10 58,070 4 65,601 592 78,792 8	Ozs, dwt. 84,580 8 88,449 8 93,244 11 .95,562 6 99,498 6 103,252 3 110,279 1 102,322 3 187,881 (3 114,167 8	Ozs. 108,374 93,852 110,474 121,053 416,914 122,907 126,189 136,069 129,545 138,599	Ons. 149,614 151,870 165,372 168,745 169,773 163,162 167,953 174,977 176,707 173,378	Oss. 177,463 169,295 184,545 186,323 194,581 200,941 199,453 203,573 184,784 192,632	Oss. 148,178 167,018 173,952 174,518 495,006 193,640 203,873 212,428
Detroiter.	10/015 11	170,748 17	138,640	182,104	178,428	=
S, Fap	729,837) \$36	1,180,080 .1	1,478,474	2,024,159	2,277,636	1,463,515

Anglish Coal in Japan A consular report from Tokio, Japan haddlaniCoal in Japan.—A consular report from Tokio, Japan, baid Juse II, contains the following statement with reference to the said English coal in Japan:—In the apply of coal, the English relate is everywhere giving way to the Japanese, as a result of the hall a silver. In short, the difference of price in favour of Japanese hall is silver, and the cost of manufactures being naturally cheaper in consequence of low rates of wages and abundance of coal, it is say for Japanese to beat English manufacturers in the Oriental arries.

### KADUR-MYSORE GOLD MINES.

### AN ENCOURAGING CIRCULAR.

N a circular to the shareholders, the secretary of the Kadur-In a circular to the shareholders, the secretary of the Kadur-Mysore Gold Mines (Limited) reports:—"My directors have pleasure in submitting to you details of the work and development upon the property of the company, as shown in Colonel T. T. Leonard's and Mr. J. A. Grogan's reports. My directors are a shed with the steady progress which has been made, and may mention that the work hitherto has been mainly confined to the Ajimpur Block and to the unwatering of the Hukkedonna pit. It is believed, however, that the Tarikeri Block will prove of great value, and my directors would draw your attention to the report thereupon of Mr. H. Prideaux, under day our attention to the report thereupon of Mr. H. Prideaux, under day of Jaly 13 last. With regard to the personnel at the mines, my directors have engaged the services of Mr. J. A. Glogan in succession to Mr. W. Parmore, as mine superintendent. Colonel T. T. Leonard, the company's manager and agent in Banga.

at the mines, my directors have engaged the services of Mr. J. A. Gogan in succession to Mr. W. Parmore, as mine superintendent. Coonel T. T. Leonard, the company's manager and agent in Bangalore, expresses a high opinion of Mr. Grogan's abilities. It will be gathered from Mr. Grogan's reports that he has already formed very favourable views of the value of the company's property.

"Machinery.—My directors are giving very careful attention to the question of adequate plant and machinery, as it is their opinion that development is sufficiently advanced to justify the erection of at least a 10 stamp battery, and in this respect they do not think there will be any difficulty as to timber, fuel, and water.

"ASSAY.—The report of Mr. (laudet, assayer to the Bank of England, upon ore from the Kadur-Mysore property, shows, as share-holders are already aware, the very favourable result of 2 ounces 6 dwts, of gold per ton of 2240 lbs.

"Tarkeri Block.—My directors desire to specially direct your notice to the report of Mr. H. Prideaux upon this part of the company's property, and also to Mr. Grogan's report on the same. The formation of a subsidiary company to thoroughly develop and work the Tarikeri Block is engaging the earnest consideration of my directors. The total area of the property of the Kadur-Mysore Gold Mines (Limited) is about 1300 acres, and it will be obvious, therefore, that with so large an extent of territory there is amp'e scope for advantageously selling or leasing portions of it to subenterprises. In the event of my directors arriving at a decision to deal with the Tarikeri Block in the way above mentioned, share-holders of the parent company will receive the right of preferential allotment in any new company which may be formed.

"Mr. H. Prideaux's report on the Tarikeri Gold Mines:—'These

holders of the parent company will receive the right of preferential allotment in any new company which may be formed.

"Mr. H. Prideanx's report on the Tarikeri Gold Mines;—'These mines are situated on the Tarikeri Yaluk, Mysore, India, and cover an area of 674 acres, which contain several reefs running parallel and across the hills. During my examination I found several old works into which I entered, and the reefs that had been left standing yielded gold in paying quantities. I also found gold by washing the sands in the nullas below the reef; in fact, quartz which was scattered over the surface would by crushing and washing generally show free gold. I was very favourably impressed with the property, and have gold. I was very favourably impressed with the property, and have no doubt but that in ancient times very profitable gold mines existed in this district. The reefs will certainly extend to great

gold, I was very favourably impressed with the property, and have no doubt but that in ancient times very profitable gold mines existed in this district. The reefs will certainly extend to great depths, and I see no reason, with modern machinery, why the mine cannot again be made to yield gold in large paying quantities, and at a great profit. I learn that since my visit the railway has been brought within seven or eight miles of these mines. There are also good roads in the immediate vicinity. There would be no difficulty to supply a first-class mine and mill with the necessary timber, fuel, and water. In conclusion, I am of opinion that valuable payable gold mines exist on the property.

"Mr. J. A. Grogan's general report on the Tarikeri Block:— 'Ajimpur, July 22, 1896.—I have been to the block, and viewed the several old workings, and was astonished to see what rich lodes of quarts exist there. There is one large shaft 50 feet in depth, another smaller one by the side of it 6 feet in depth, and another shaft, called Siddapa Gavi, 20 feet in depth, and 10 feet apart from one another; and a few cuttings worked to the length of 400 feet, all old workings. Above these old workings I found a reef 4 feet wide, and the quarts is of a ferruginous nature. I have found for 1 lb, of stuff large specks of gold when I washed it. This place is really worth while working at, for it is bound to pay—I am quite certain of it. It is a great wonder how such a valuable affalt was not made known to the public all these many years. I also heard that many natives are washing gold at this place, which they get a good quantity of. We should not neglect to open out this. The largest shaft has no water, but is fearfully caved in, and would be unsafe to work. The Siddapa Gavi is 20 feet, as already mentioned, and I would suggest that we should clean out this one to see if the reef is running down. I heard that there are many underground workings at these shafts, so it would be best to start a new shaft and then drive into these old work

properties he has seen."
"In conclusion, my directors express their conviction that in the Kadur-Mysore Gold Mines the company possesses properties of undoubtedly great value and of vast mineral possibilities. The development of the Ajimpur Block will be steadily proceeded with, and suitable machinery provided. The policy to be adopted with regard to the Tarikeri Block is outlined in the foregoing report, and should prove most beneficial to the interests of shareholders."

SOME GOOD BRITISH ORE SPECIMENS,-We have been afforded an opportunity of inspecting a number of specimens taken from a Welsh mine, known as Cefo Cook. The specimens are excellent ones, not only showing gold, but showing it freely distributed through the stone. The achievements of more than one Welsh company entitle us to expect considerable things of the mineslocated in that part of the country, and certaisly the specimens we have seen would support comparison with ore taken from almost any part of the globe. It has often been with us a cause for wonder that when so much capital is sent to remote parts of the globe so little enterprise is shown in developing mines which, so to speak, are situated at the visitor's door, which are open at any time to their inspection. Judging from these stongs, it would certainly seem that some at least of the capital which is so assidously sent to the uttermost parts of the earth might judiciously and profitably be gept at home. an opportunity of inspecting a number of specimens taken from a kept at home.

A RAILWAY TO BEE NEVIS.—It is stated that an English com-pany intends to construct a railway to the top of Ben Nevis. The proposed line, it is understood, will leave the West Highlands at Nevis Bridge, passing through Glefi Nevis as far as the gorge, there-after winding up by the right side of Corrie Eodham until the summit is reached,

### TIN TICKETING.

THE fortnightly ticketing for tin ores was held at Tabb's Hotel,

Redruth, on Tuesday.	Res	alt	8:-	al.			, our			
VALUES OF O					CH	M	INE.			
Mines out land state	Tons	CM	18	Per	ton				alue	
Dolcoath No. 1	14	0		20	3,	d.		2	8.	d,
do No. 1a			******		17		*****		10	0
do No, 1b			*****		.0		*****		ŏ	0
Wheal Grenville a		0		38					0	
do	-	-				0.	*****		0	0
	14	0	******	38	-	6	******		5	0
Carn Brea and Tincroft 1		0			0		*****		0	0
Mines (Limited) Ia	13	0	*****		12		*****		2	6
do No. 2	1	12	*****	34		-			10	0
Busset Mines (Limited)	20	0	******	39	13	-	******	24	12	6
West Kitty		0	******			0	******		0	0
Fact Dool o	13	0	*****	38	15		*****			0
East Pool a	6	0	*****	25	5		*****		10	0
do No 2	6	0	*****	25	15		*****			0
	1	0	*****	10	7	-		10	7	6
Phoenix United	11	0	******	36	15	0			. 5	0
do No. 2	. 1	0	*****	27	15		*****		15	0
Killifreth	9	0	*****	36	17	6	*****		17	6
Wheal Kitty	9	0	*****	39	-	0	*****		5	0
South Condurrow	5	0	*****	38	7	6	******	191	17	6
	185	0					£	6674	7	6
The Ryans Ores.										
No. 1	7		******	42	12	6	*****	309	0	7
Do. No. 2	26	1	*****	43	0	0	******	1139	10	0
Do. No. 24	26		*****	43	5	0	*****	1146	2	6
Do. No. 3	9		*****	41	12	6	*****	395	8	9
1 1 - 1 -	254	_					2	9664	9	4
AVERAGE PR			P TON	£2	× 1.			3001	9	*
AVERAGE							0.1.			
July 14£36								Por	10	
July 28 35			Ronto	m ho	. 0		*******	230	19	6
August 11 36		5	pehre	HUC	0.		******	99	1	0
VALUE OF ORES			A							
VALUE OF ORES	PUR	CH	ASED	BY .	EAC	H				
Carvedras	7	12					1625	6	3	
Chyandour		5.		*****			2568	2	6	
Williams		181					1420	3	9	
Redruth		1		*****			395	-	6	
Penpoll		31		• • • • • •					7	
Cornish		1		****		-	460		9	
		- 1	***	•••••	****	***	3191	13	9	
	5	254	à				£9664	9	4	
		_			-					

WITWATERSRAND DREF (LIMITED).—The next ordinary general meeting of shareholders in the above-named company will be held at Johannesburg, on November 12. A special general meeting will also be held on the same day, and at the same time for the purpose of altering Ciause 122 of the Articles of Association.

The MYSORE GOLD MINING COMPANY (LIMITED) have sold the gold obtained during the month of July last, which realised £35,374 5s. 2J.

### WANTED.

Prepaid Advertisements are inserted in this column at the rate of Sd. per line, with a minimum charge of 4s.

### CAPITAL.

FIRMS of GOOD STANDING, desirous of increasing their Working Capital, may OBTAIN SAME by having their own Acceptances Discounted.

Address, "C. 101," care of EMMISON'S Advertising Offices,

GOLD COAST MINING & TIMBER CONCESSIONS.

A NY PERSONS having LANDED PROPERTY on the Gold
Coast, and wishing to have it Inspected, Surveyed, and
Reported upon, can communicate with
J. B. ESUMAN-GWIEA, Civil and Mining Engineer, Ass.M.S.E.,
Cape Coast Castle, Gold Coast.

### TIN SMELTER.

WANTED, for Spain, a PRACTICAL MAN experienced in Modern Systems of Smelting. Must be able to SUPERIN-TEND Building of Furnaces and generally to manage Smelting

Apply, in first instance by letter, to Mesers. Bowgs Scott and Western (Limited), Broadway Chambers, Westminster, S.W.

### WESTERN AUSTRALIA

WESTERN AUSTRALIA.

A WELL-KNOWN MINING and CIVIL ENGINEER and certificated MINE MANAGER is now visiting the Gold Fields of Western Australia, and is OPEN to Inspect, Report upon, or Advise as to Mining Properties there. Terms moderate, or might accept the Management of a large undertaking.

Address, "MINES," care of STREET and Co., 30, Cornhill.

N AMERICAN MINING ENGINEER desires an ENGAGE-A MAINT with a Company operating in Gold Mining Properties, either as an Examining and Consulting Engineer, or as a Mine Manager. Has had 12 years' experience in Mining, and possesses a good practical knowledge of Milling, Concentrating, and Cyaniding, and is familiar with the Spanish language. Good references. Salary

not unreasonable.

Address, "C. W.," care of Messrs. RICHARDSON and CHADBOURN, 8, Finch Lane, London.

A MINING ENGINEER, proceeding to WEST AUSTRALIA at the end of September, is prepared to UNDERTAKE INSPECTIONS, SURVEYS, &c., and to SURVEY and REPORT on schemes ervation of w

Apply to "R.," MINING JOURNAL Office, 18, Finch Lane, E.C.

MANAGER of Lead and Silver Smelting Works and Salphate of MENT. Experience combines the smelting of all kinds of gold, eilver, and lead-bearing ores and residue; the manufacture of Sulphate of Copper, with the smelting and refining of gold, and silver residues recovered. Qualified Assayer and Analyst.—Address, S. DAW. Thomas Street, Lianelly, South Wales.

WANTED, CAPITAL for GOLD MINING PURPOSES 10 any person interesting themselves. A big thing can be presented.

For particulars, address F. N. May, 187, East Main Street, Rochester, N.Y., U.S.A.

### TO LET.

"Prepaid Advertisements are inserted in this column at the rate of Sd. per line, with a minimum charge of Asia and

TO LET, to principals only, a SLATE QUARRY on Hundre to Abergynology Estate, adjoining the Abergynology Slate Quarrier, Towyn, Merioneth.

Address, Rev. G. B. G. Pughe, Meilor Vicarage, Blackburn.

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# BOARD OF TRADE RETURNS.

### AUGUST TABULAR STATEMENT.

Specially compiled for "The Mining Journal" from the Board of Trade Returns.

THE Returns for August show that the Imports amounted to £32,472,522, a decrease of £2,114,774, and that the Emports totalled £20,301,588, a decrease of £179,929, compared with the corresponding month last year. For the eight months ended August 31, the Imports were £253,286,815, an increase of £3,936,055, and the Emports £150,639,073, an increase of £13,490,578 compared with the corresponding period of 1895. The Emports of Foreign and Colonial Merchandise show a decrease of £1,990,412 for the month, and £7,798,142 for the eight months, the totals being £4,199,290 and £38,412,765 for the one and eight months respectively.

### EXPORTS:-SUMMARY OF INCREASES AND DECREASES.

PRINCIPAL AND OTHER ARTICLES		TITIES.	VA	LUES.
PRINCIPAL AND OTHER ARTICLES	INCREASE.	DECREASE	INCREASE	DECREASE
Raw Materials: Oual and Patent Puel Ton-	-	143,235	E	£ 113,778
Coal, &c., shipped for steamers'	-	25,934	_	
Metals:				
Brass, and manufactures of Cots. Copper, unwrought and	705	-	4,723	-
wrought Cwts	_	30,397	-	51,5"2
HARDWARE and cutlery &	-	-	3,696	
IMPLEMENTS and tools, and	_	_	2,681	
I sow, unwrought and wrought		_	2,651	-
Tone	52,132		208,388	-
LEAD, pig, rolled, &c, PLATE, and plated gift wares £	_	291	-	1,464
TRESGRAPH WIRES, &c. &	_	_	35,681	2,371
Tix, unwrought Cwts.	2,249	-	6,182	=
ZINC OF SPELTER	-	4,060	-	2,226
OTHER ARTICLES &	-	-	-	1,113
			261,361 58,746	58,746
Total	-	-	202,615	_
Bteam engines	-	-	-	20,586
Other descriptions	-	-	4,810	-
		E	4,810	20.586
				7,010
Total			-	15,776
ALKALI , Cwts.	-	154,857	-	34 995
PRODUCTS of COAL Pon-	=	15,421	15,394	22,1 2

PRODUCTS of COAL		TTI		TOTATE	15,394 PROPE	
EXPORTS:	-BH	LTI	SH AND	IRISH	PRODU	CE.
			QUAN	TITIES.	VA	LUES.
PRINCIPAL AND OTHER	ABTIC	LES.	Month end	ied Aug. 31.	Month es	ided Aug. 3
		_	1895.	1896,	1895,	1896.
Metals and Article	os Ma	nu-	Cwts.	Owte.	E	R
factured therefore cept Machinery)	:-	1020				
being Ordnance	ures or,	, noe	8,559	9,264	33,711	38,437
Copper: Unwrought Cakes, or Slabs,	t, in lng	Pre-			-	
citi ate:	mora	410-				
To Germany	***	000	20,857 11,994	7,593 11,565	46,560 26,998	18,693
Belglum	***	000	3,463 9,483	2,6:0	7,052	8,551
France Italy British East Indi	***	991	1,070	1,345 2,001	2,452	3,394
	es	02	10,440	3,635	486 22,813	9,173
Total			57,242	28,791	128,035	
	***	03-	07,070	20,701	220,000	71,641
Wrought, or Manunenumerated	nufacto	ires,			1	
To Sweden and Nort		60-	1,914	1,721	5,779	5,504
Germany	***	691	2,465	1, 57 2,014	1,649 8,751	3,876 5,166
Egypt	000	***	2,109 1,823	1,203	5,472	3,488
British East Indi		000	3,435 681	2,033	9,232	4,011 5,794 5,587
Australasia Other countries	***	000	8,156	1,791	18,551	31,083
Total		620	18,890	21,405	54,109	65,509
Mixed or Yellow h	fetal :	-		386		
To China and Hong : , British East Indi	wong	801	1,179 7,730 7,283	6,543	2,238 15,968	1,045
., Other countries	***	**	7,283	4,802	16,813	12,929
Total	***		16,192	11,731	35,017	29,089
Total of Copper	***		92,324	61,927	217,211	165,639
Hardware and Cut	lery		-	-	160,427	164,123
implements and Tools,	, and p	arte	-	_	101,178	103,959
		.	Tons.	Tons.		-
Iron and Steel: Pi		**	17,049	6,009	39,590	19,010
" Sweden and Norw " Denmark	'Ay	0.0	4,928 901	4,689 907	1,885	2,172
Germany	499	***	19,648 12,536	20,270 15,640	1,885 40,808 26,573	2,172 60,225
Belgium	***	401	3,539	9,029	10,638	33,618
France Portugal, Azores,	& Made	oira	2,467	4,085	5,019 479	10,514
Spain and Canari	08	121	11 621	15,080	292 24,831	2,339 37,1 8
United States	949	101	11,621 2,745 2,125	3,941	20,744	21.005
Australasia British North Am	erlea	100	113	1,724	4,852 2,301	6,934 5,110
	+42	20.	9,367	8,001	18,692	19,184
Total	***		88,012	102,438	206,248	251,902
Bar, angle, bolt, and re	d		12,375	14,409 77,912	70,710	87,954
Railroad of all sorts Wire, Iron and steel &c		08	3,462	4,506	194,161 56,228	363,292 72,461
Hoops, plates, boiler p Galvanised sheets	lates,		11,979	11,573 16.348	100,093	77,353 191,814
last and wrought fron,	Ac.		21,435 8,391	28.043	190,546 293,453 17,743	341,050 23,778
Old, for re-manufactur Steel, unwrought	040	221	15,777	8,770 23,2:1	160,747	188,240
Black plates for tinning Manufactures of steel,	g or of in		2,496	3,459	25,026	34,088
and steel combined lotal of iron and steel	***		2,054	2,163	53,139	\$1,655
tin plates and sheets) Pin Plates and She			259,414	311,596	1,708,721	1,917,109
Pin Plates and She To Russia	ets:		36	2,688	422	31,016
Garmanw	***	41	284 368	1,397	3 437 4,896	16,250 8,8.7
W-nnon	250		577	921	7,026	11,216
Portugal, Azores,	and h	La-	850	187	10,040	2,050
deirs			90	260	1,145 4,703	3,475 2,900
United States	***	***	23,531	8,814	254,489	\$6,373
Bracil	le	000	315	411 174	3,495 3,826 7,230	1,782
Argentine Republi British East Indie Australasia		***	832 1,012	1,608	7,230 11,430	1,782 7,267 19,713
British North Am	erica	401	876	838	9,1 4	8,273
., Other Countries	***	**	1,629	1,818	19,315	19,978
Total	101	!	30,943	20,726	350,648	233,524
Manufactures;	ping, a	and	Tons.	Tons.	£	
To Russia	199	444	684	840	7,410 1,773	9,543
Germany China and Hong I	Long	800	158	26	46	333
Japan	100	***	310	200	1,141 3,357	2,795
British Bast India	18	000	378	445	5,867	6,328
Australasia British North Ame	erica	***	207	102	2,539	1,643 985
1) Other countries	100	***	756	802	9,025	7,507

2,646 2,354 31,459 29,985

PRINCIPAL AND OTHER ARTICLES	QUAM	QUANTITIES.		VALUES.		
- I SOUTH LEAST OF RES ARTICLES		ed Aug. 31.	Month en	ded Aug. 31.		
Plate & Plated & Gilt Wares- Telegraphic Wires, & appa- ratus connected therewith	=	=	29,727 29,488	27,356 65,176		
Tin, Unwrought:	Cwts. 2,022	Owts.	E			
" Sweden and Norway	354	2,288	6,830	7, 91		
, Germany	513	948	1,703	1,153		
"France	1,759	1,382	4,297	4,251		
Turkey	392	760	1,340	2,478		
", United States	-	202	-	6.5		
" British North America	403	543	1,384	1.787		
" Other countries	2,660	3,560	9,206	11,463		
Total	7,608	10,037	25,993	32,175		
Zine or Spelter: Unwrought and Wrought	17,570	13,510	12,074	9,848		
otal of Principal Articles			2,350,089	2,553,817		
other Articles otal of Metals and Articles Manufactured therefrom (ex-	-	-	67,415	66,302		
cept Machinery)	Tons.	Tons.	2,417,504	2,620,129		
Ukali	479,220	323,363	124,852	89,8:7		
Cement	40,638	25,2.7	65,452	42,350		
Products of coal (including						
paraffin, petroleum, &c.)	-	- 1	89,763	105,157		

params, petroleum, &c.)		1 -	11 89,763	1 105,157
M	ACHINE	RY.		
Mining: (Not Steam Engine:,) To Countries in Europe ,, United States ,, Countries in South America	£ 1,864 375	Aug. 1896 £ 1,907	£12,079 1,928	8month,'96 £19,212 1,189
, Countries in Bouth America , British Possessions in S. Africa , , , East Indies , Australasia , Other Countries	873 41,631 4,203 7,400 6,102	3,071 28,339 5,155 31,674 6,232	17,529 285,540 25,072 46,358 32,397	28,142 388,294 39,816 197,821 34,231
Total	82,448	76,378	420,903	708,605
Total of Machinery other than Steam Engines	1,033,085	1,037,895	7,983,368	8,943,659
Lital of Steam Engines	244,297	223,711	1,767,730	2,167,505
Total of Machinery and Mill Work	£1,277,382	£1,261,606	£9,751,098	£11,111,174
EXPORTS OF FOREIGN	ANDCO	LONIAL	MERCHA	NDISE-

PRINCIPAL ARTICLES.						
TRISCIPAL ABIICERS,	Month end	led Aug. 31	Month ended Aug. 31.			
	1895	1896	1895	1896		
Copper: Unwrought and part wrought	Tons. 1,256	Tons. 649	£ 56,807	32,389		
Iron and Steel:  Har, angle, bolt, and rod  Steel, unwrought	2,206 163	1,222	17,739 1,662	9,080		
Manufactures: Girders, beams, and pillars Unenumerated Owts.		73 48,923 Gais.	922 36,401	851 53,361		
Petroleum	120,613 Lhe.	144,0.0 Lbs.	5,991	4,752		
Quicksilver	238,107 Cwts.	135,564 Owta.	22,213	11,064		
Saltpetre	1,548	3,535	1,376	2,558		
slabs	38,501	36,970	185,973	112,486		

QUANTITIES.

### IMPORTS. SUMMARY OF INCREASES AND DECREASES

PRINCIPAL AND OTHER	QUANT	TITIES.	VALUES.		
ABTICLES.	Increase.	Decrease.	Increase.	Decrease.	
Metals:  COPPER: Ore  Regulus  Unwrought and part wrought.  IRON: Ore  Bar  Esteel, unwrought  Printes of Iron or copper Quicksityes  Lity, in blocks, &c.  Tim, in blocks, &c.  Correct or	3,854 2,771 2,453 15,453 1,178 23,156 1,562	1,781 	2 12,918 94,102 124,703 — 13,877 874 — 58,8-8 53,891	2 975 13,753 24,671 9,552 32,538	
			339,223 82,298	82,290	
Total	-	-	255,925	-	
ALKALI Cwts BRIMSTONE	4,368	5,844	Ξ	1,509 8,330 144	
Beams, girders, &c Tons Unenumerated Cwts	20,919	6,071	81,262	2,854	

1		QUAN	TITIES.	VALUES.		
1	PRINCIPAL AND OTHER	Month en	ded Aug. 31	Month ex	oded Aug. 31	
1	ARTICLES.	1895.	1898.	1895.	1895.	
	Copper: Ore:-From Spain United States Venezuela Chili Gape British N. America Other countries Other countries	Tons. 1,364 850 79 218 1,452 6,843 575	Tons. 424 600 56 457 1,503 11,465 550	£ 5,443 2,30) 1,590 5,181 14,520 10,294 8,507	2,162 3,460 1,460 4,560 15,036 27,741 6,890	
1	Total	11,401	15,056	47,825	80,743	
	Regulus and Precipitate: From Portugal Spain United States Ohill Other countries	2,152 456 2,733	4,688 1,379 149 2,956	1,800 82,153 13,173 35,897	102,751 42,019 3,725 78,630	
1	Total	6,401	9,172	133,023	227,125	
1	Unwrought and part Wrought: From United States , Chili , Australasia , Other countries	342 1,398 370 548	3,153 370 822 762	15,718 64,496 13,531 24,680	151,603 17,627 40,325 36,553	
	Total	2,654	5,107	121,405	246,108	
1	Iron and Steel: Iron ore { From Spain	351,929 87,836	400,110 55,108	223,684 85,219	280,840 4',158	
1	Total	439,765	455,218	308,973	307,998	
	Iron, bar, angle, bolt, and rod Steel, unwrought Lead, pig and sheet Pyritos of iron or copper sulphur	8,110 910 15,744 48,182 Lbs.	8,329 2,088 15,087 34,718 Lbe.	63.693 7,277 164,296 82,430	49,940 21,154 165,170 80,759	
1	Quicksilver	101,510	2,272	9,872 151,047	118,509	
1	Pin, in blocks, ingots, bars, or	Cwta.	Owts.			
	slabs: From Straits Settlements Australasia Other countries	54,320 9,070 5,238	78,470 8,100 6,264	172,723 29,641 15,787	237,340 24,669 15,000	
	Total	61,678	91,834	218,151	277,009	
1	Zine, crude in cakes Tons	4,415	5,977	88,947	102,838	
-	Total of principal articles other articles	=	=	1,379,939 199,337	1,637,673 198,528	
1	Total of metals	-	-	1,579,276	1,838,201	

### INDIAN MINES' OUTPUT FOR AUGUST.

URING the last month the output of the mines we with the preceding month, and an increase of 620 ounces as compared with the corresponding month of 1895. The prodection ounces since the beginning of 1893 has been as follows:

1892. 1892. 1894. 1895.

_	1094.		1093.		1894.		1895.	
January	11,674	***	16,844	***	17,026	***	19,672	
February	11,780	***	16,656	***	15,803		19,358	***
March	11,579		17,463	***	16,080		20,257	***
April	11,813		18,287		15,551		20,399	***
May	12,488		17,922		16,543		20,797	***
Jane	11,847		16,879		15,459		20,839	
July	13,277		16,676		18,271		19,280	
August	14,854		16,692		19,073		20,704	*** 2
September.,	5,529		17,060		18,911		21,502	*** 3
October	15,922		17,440		19,119		22,301	***
November	15,942		17,557		18,825		22,545	***
December.	16,435		17,659		19,068		22,652	***
	,100		,000	***	-0,500	***	me,002	***

Total ... 163,140 ... 207,135 ... 209,729 ... 250,306 ... 215,81 The outputs in ounces of the individual mines for the past in

Ooregum	Mar.		Apr.		May.		June.		July.		
Ooregum	6,057	***	6,119		6,029		5,332		5,288		10
Mesora Roofs	114	***	91	***	100	***	020	***	110	-	73
Mysore Reefs Mysore W. and		***	or	***	102	***	98	***	-	***	13
Wynaad Balaghat	701	***	703	***	706	***	422	***	452	***	47
Mysore	312	***	336	***	268	***	306	***	211	0 8 8	52
Total	26,171		26,866		26,840	***	25,751	5	6, 19		16,731

THE offices of the Brilliant (Charters Towers) Deep Land (Limited) are now situated at Blomfield House, London Wall,

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The Head Gear Palleys will be 65 feet above the pit bank. Manufacturers are requested to send with their quotations only outline specifications and tracings, in the first instance, sufficiently to afford a general idea of the machinery quoted for.

The Directors do not bind themselves to accept the lowest or any quotation.

The time for delivery should be stated, and quotations to include

quotation.

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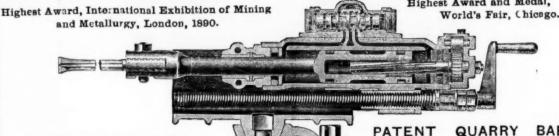
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Master of the Belvoir Hounds.

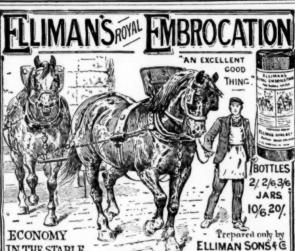
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From Major M. J. Balfe, South Park. June 16th, 1892,

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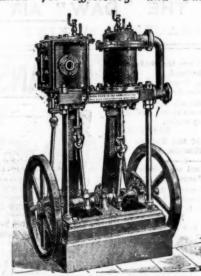
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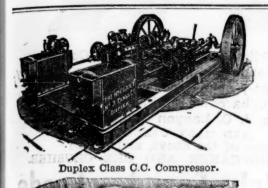
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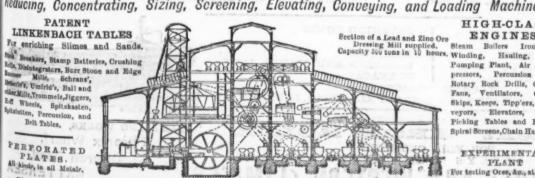
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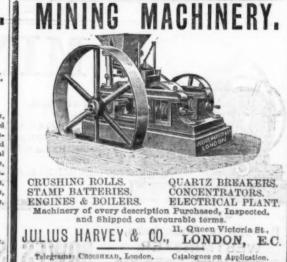
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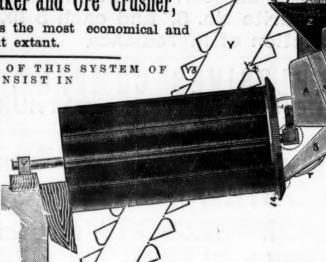
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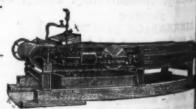
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